

**ICS<sup>®</sup>**  
Diamond Tools and Equipment  
**MERIT**

# PRODUCT CATALOG





## Diamond Tools and Equipment

You're hard working, tough driving - you have true grit, you are full of moxie, fortitude and tenacity. The growl of a saw gets your blood pumping and heart racing. Your go-to phrase is "Try Me". Nothing, and I mean **nothing**, gives you more pleasure than being underestimated.

At ICS, we know you don't have time for tools that are just "good enough". Your tools had better not just show up, but measure up. Like you, we believe there are no substitutes for hard work and absolutely no shortcuts to getting the job done right. All our products are designed, engineered and manufactured for you to outwork your competition, outlast the toughest jobs, and outperform any challenge.

We have been the leader in chain based concrete and pipe cutting solutions for over 30 years. Our concrete cutting diamond chains are designed and manufactured in Portland, Oregon, using the best in global materials. Our SealPro® anti-stretch technology significantly reduces chain stretch so your chain lasts longer and you spend less time tensioning. Our patented PowerGrit® pipe cutting chain allows you to cut ductile iron, HDPE and PVC pipe in a confined space with significantly lower risk than conventional cutoff saws.

ICS chain, coupled with our best-in-class guidebars and powerheads gives you a cutting system that can plunge cut up to 25" deep. Our system also allows you to cut precise openings and clean, square corners with no overcuts. All our powerheads are designed for wet cutting and have integrated water delivery systems that reduce airborne particles during the cut.

Merit, by ICS, designs, engineers and manufactures dependable, high-performing, heavy-duty flat saws that are intuitive to operate and easy to maintain. Crafted by hand from high-quality materials, and processes, our flat saw line is fabricated and assembled in the USA.

800.321.1240

[icsdiamondtools.com](http://icsdiamondtools.com)

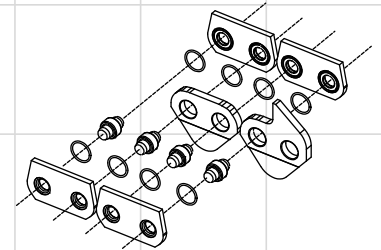
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## SealPRO® Technology

**T**here are many jobs that only an ICS power cutter can do. And for those jobs, ICS includes SealPRO anti-stretch technology, which locks out the abrasive slurry created when cutting concrete, stone, or masonry, reducing chain stretch and increasing the useful life of the chain.

Concrete cutting pros like you depend on your tools. All day, every day, under the toughest conditions. Our diamond segments are laser-welded to an advanced steel chassis so that you can cut through concrete, stone and masonry with precision and speed. We know the challenges you face and understand the importance of investing in the right tools.



# POWER CUTTERS



## 695XL - GC

Operates FORCE3 diamond chains

- Standard - fast cutting, economical
  - Abrasive - excels in abrasive materials
  - Premium - for heavy aggregate & rebar
- 12", 14" & 16" lengths available**

## 695XL - GAS POWER

- 6.4 horsepower
- 94 cc displacement
- 20 psi water supply
- 2 gpm water flow
- 50:1 fuel mix



## 695XL - F4

Operates FORCE4 diamond chains

- Standard - general purpose
  - Premium L - delivers longer life
  - Premium S - speed and cutting efficiency
  - Abrasive - excels in abrasive materials
  - Texas Chain - optimized for hard materials
  - Cross-LINK - faster cuts, smoother handling
  - Sandwich - improved cut straightness
- 12", 16" & 20" lengths available**

### 695XL - GC GAS POWER

| P/N    | Description                                                                    |
|--------|--------------------------------------------------------------------------------|
| 581192 | ICS 695XL GC Powerhead                                                         |
| 576150 | ICS 695XL-12 GC Gas Power Cutter Pkg, with 12 in/30 cm Guidebar & FORCE3 Chain |
| 575863 | ICS 695XL-14 GC Gas Power Cutter Pkg, with 14 in/35 cm Guidebar & FORCE3 Chain |
| 575865 | ICS 695XL-16 GC Gas Power Cutter Pkg, with 16 in/40 cm Guidebar & FORCE3 Chain |
| 584290 | ICS FORCE3 chain 12 in/30 cm, 58 Drive Links                                   |
| 584292 | ICS FORCE3 chain 14 in/35 cm, 64 Drive Links                                   |
| 584294 | ICS FORCE3 chain 16 in/40 cm, 70 Drive Links                                   |
| 584298 | ICS FORCE3 Premium chain 12 in/30 cm, 58 Drive Links                           |
| 584302 | ICS FORCE3 Premium chain 14 in/35 cm, 64 Drive Links                           |
| 584303 | ICS FORCE3 Premium chain 16 in/40 cm, 70 Drive Links                           |
| 584297 | ICS FORCE3 Brick chain 12 in/30 cm, 58 Drive Links                             |
| 584299 | ICS FORCE3 Brick chain 14 in/35 cm, 64 Drive Links                             |
| 584301 | ICS FORCE3 Brick chain 16 in/40 cm, 70 Drive Links                             |
| 553207 | ICS 695GC Guidebar 12 in/30 cm                                                 |
| 73600  | ICS 695GC Guidebar 14 in/35 cm                                                 |
| 71600  | ICS 695GC Guidebar 16 in/40 cm                                                 |
| 70949  | ICS Drive Sprocket for 695XL-GC Series                                         |

### 695XL-F4 GAS POWER

| P/N    | Description                                                                           |
|--------|---------------------------------------------------------------------------------------|
| 575826 | ICS 695XL F4 Powerhead                                                                |
| 576151 | ICS 695XL-12 F4 Gas Power Cutter Pkg, with 12 in/30 cm FORCE4 Guidebar & FORCE4 Chain |
| 575872 | ICS 695XL-16 F4 Gas Power Cutter Pkg, with 16 in/40 cm FORCE4 Guidebar & FORCE4 Chain |
| 531743 | ICS FORCE4-25 chain 12 in/30 cm                                                       |
| 525342 | ICS FORCE4-29 chain 16 in/40 cm                                                       |
| 531749 | ICS FORCE4-34 chain 20 in/50 cm                                                       |
| 531745 | ICS FORCE4-25 Premium L chain 12 in/30 cm                                             |
| 525343 | ICS FORCE4-29 Premium L chain 16 in/40 cm                                             |
| 531751 | ICS FORCE4-34 Premium L chain 20 in/50 cm                                             |
| 531739 | ICS FORCE4-25 Premium S chain 12 in/30 cm                                             |
| 531735 | ICS FORCE4-29 Premium S chain 16 in/40 cm                                             |
| 531741 | ICS FORCE4-34 Premium S chain 20 in/50 cm                                             |
| 531747 | ICS FORCE4-25 Abrasive chain 12 in/30 cm                                              |
| 525344 | ICS FORCE4-29 Abrasive chain 16 in/40 cm                                              |
| 531753 | ICS FORCE4-34 Abrasive chain 20 in/50 cm                                              |
| 599881 | ICS FORCE4-50 Cross-LINK chain 12 in/30 cm                                            |
| 599882 | ICS FORCE4-58 Cross-LINK chain 16 in/40 cm                                            |
| 599883 | ICS FORCE4-68 Cross-LINK chain 20 in/50 cm                                            |
| 605443 | ICS FORCE4-25 Sandwich Segment chain 12 in/30 cm                                      |
| 605414 | ICS FORCE4-29 Sandwich Segment chain 16 in/40 cm                                      |
| 605400 | ICS FORCE4-34 Sandwich Segment chain 20 in/50 cm                                      |
| 598280 | ICS FORCE4-25 Texas Edition chain 12 in/30 cm                                         |
| 598281 | ICS FORCE4-29 Texas Edition chain 16 in/40 cm                                         |
| 598282 | ICS FORCE4-34 Texas Edition chain 20 in/50 cm                                         |
| 553208 | ICS 695F4 Guidebar 12 in/30 cm                                                        |
| 524490 | ICS 695F4 Guidebar 16 in/40 cm                                                        |
| 626485 | ICS 695F4 Guidebar 20 in/50 cm                                                        |
| 525496 | ICS Drive Sprocket for 695XL-F4 Series                                                |

# POWER CUTTERS



## 680ES - GAS POWER

- 5.0 horsepower
- 76.5 cc displacement
- 20 psi water supply
- 2 gpm water flow
- 50:1 fuel mix

## 680ES-GC

Operates FORCE3 diamond chains  
 - Standard - fast cutting, economical  
 - Abrasive - excels in abrasive materials  
 - Premium - for heavy aggregate & rebar  
**12" & 14" lengths available**

**Concrete Cutting**  
**Chains, Guidebars & Drive Sprockets**  
 pages 8-11

**Pipe Cutting**  
**Chains, Guidebars & Drive Sprockets**  
 pages 12 - 14

**Technical Specifications**  
 pages 18 - 19

| 680ES-GC GAS POWER |                                                                                |
|--------------------|--------------------------------------------------------------------------------|
| 576155             | ICS 680ES Powerhead                                                            |
| 576154             | ICS 680ES-12 GC Gas Power Cutter Pkg, with 12 in/30 cm Guidebar & FORCE3 Chain |
| 576153             | ICS 680ES-14 GC Gas Power Cutter Pkg, with 14 in/35 cm Guidebar & FORCE3 Chain |
| 584290             | ICS FORCE3 chain 12 in/30 cm, 58 Drive Links                                   |
| 584292             | ICS FORCE3 chain 14 in/35 cm, 64 Drive Links                                   |
| 584297             | ICS FORCE3 Brick chain 12 in/30 cm, 58 Drive Links                             |
| 584299             | ICS FORCE3 Brick chain 14 in/35 cm, 64 Drive Links                             |
| 584298             | ICS FORCE3 Premium chain 12 in/30 cm, 58 Drive Links                           |
| 584302             | ICS FORCE3 Premium chain 14 in/35 cm, 64 Drive Links                           |
| 71395              | ICS 680GC Guidebar 12 in/30 cm                                                 |
| 513122             | ICS 680GC Guidebar 14 in/35 cm                                                 |
| 70949              | ICS Drive Sprocket for 680ES-GC Series                                         |

# POWER CUTTERS



## 890F4

Operates FORCE4 diamond chains

- Standard - general purpose
- Premium L - delivers longer life
- Premium S - speed and cutting efficiency
- Abrasive - excels in abrasive materials
- Texas Chain - optimized for hard materials
- Cross-LINK - faster cuts, smoother handling
- Sandwich - improved cut straightness

**10", 15" 20" & 25" lengths available**



## 890F4 FLUSH

Operates FORCE4 diamond chains

- Standard - general purpose
- Premium L - delivers longer life
- Premium S - speed and cutting efficiency
- Abrasive - excels in abrasive materials
- Texas Chain - optimized for hard materials
- Cross-LINK - faster cuts, smoother handling
- Sandwich - improved cut straightness

**10", 15" 20" & 25" lengths available**

| 890F4 HYDRAULIC POWER |                                                                       |
|-----------------------|-----------------------------------------------------------------------|
| P/N                   | Description                                                           |
| 566110                | ICS 890F4 Hydraulic Powerhead<br>8 gpm/30 lpm, 1 ft/30 cm hose whips  |
| 566355                | ICS 890F4 Hydraulic Powerhead<br>8 gpm/30 lpm, 8 ft/2.5m hose whips   |
| 566112                | ICS 890F4 Hydraulic Powerhead<br>12 gpm/45 lpm, 1 ft/30 cm hose whips |
| 566116                | ICS 890F4 Hydraulic Powerhead<br>12 gpm/45 lpm, 8 ft/2.5m hose whips  |

| 890F4 FLUSH HYDRAULIC POWER |                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------|
| P/N                         | Description                                                                     |
| 566113                      | ICS 890F4 Hydraulic Flush Cut Powerhead<br>8 gpm/30 lpm, 1 ft/30 cm hose whips  |
| 566351                      | ICS 890F4 Hydraulic Flush Cut Powerhead<br>8 gpm, 8 ft/2.5m hose whips          |
| 566114                      | ICS 890F4 Hydraulic Flush Cut Powerhead<br>12 gpm/45 lpm, 1 ft/30 cm hose whips |
| 566117                      | ICS 890F4 Hydraulic Flush Cut Powerhead<br>12 gpm/45 lpm, 8 ft/2.5m hose whips  |

## 890F4 - HYDRAULIC POWER 8gpm

- 6 horsepower
- 7 ft-lbs torque
- 2500 psi hydraulic supply
- 20psi water supply
- 2gpm water flow

## 890F4 - HYDRAULIC POWER 12gpm

- 8 horsepower
- 10 ft-lbs torque
- 2500 psi hydraulic supply
- 20psi water supply
- 2gpm water flow

**Concrete Cutting**  
**Chains, Guidebars & Drive Sprockets**  
**pages 8-11**

**Pipe Cutting**  
**Chains, Guidebars & Drive Sprockets**  
**pages 12 - 14**

**Technical Specifications**  
**pages 18 - 19**

# POWER CUTTERS



## 701-A

Operates FORCE4 diamond chains

- Standard - general purpose
- Premium L - delivers longer life
- Premium S - speed and cutting efficiency
- Abrasive - excels in abrasive materials
- Texas Chain - optimized for hard materials
- Cross-LINK - faster cuts, smoother handling
- Sandwich - improved cut straightness

**10", 15" 20" & 25" lengths available**

## 701-A PNEUMATIC POWER

| P/N    | Description                    |
|--------|--------------------------------|
| 573511 | ICS 701-A Powerhead, pneumatic |

## 701-A PNEUMATIC POWER

- 6.6 horsepower
- 90 psi /124 cfm air supply requirements
- 20psi water supply
- 2gpm water flow

## 701-A & 890F4 DIAMOND CHAIN, BARS, SPROCKETS

| P/N    | Description                                      |
|--------|--------------------------------------------------|
| 531743 | ICS FORCE4-25 chain 10 in/25 cm                  |
| 525342 | ICS FORCE4-29 chain 15 in/38 cm                  |
| 531749 | ICS FORCE4-34 chain 20 in/50 cm                  |
| 525345 | ICS FORCE4-40 chain 25 in/63 cm                  |
| 531745 | ICS FORCE4-25 Premium L chain 10 in/25 cm        |
| 525343 | ICS FORCE4-29 Premium L chain 15 in/38 cm        |
| 531751 | ICS FORCE4-34 Premium L chain 20 in/50 cm        |
| 525346 | ICS FORCE4-40 Premium L chain 25 in/63 cm        |
| 531739 | ICS FORCE4-25 Premium S chain 10 in/25 cm        |
| 531735 | ICS FORCE4-29 Premium S chain 15 in/38 cm        |
| 531741 | ICS FORCE4-34 Premium S chain 20 in/50 cm        |
| 531737 | ICS FORCE4-40 Premium S chain 25 in/63 cm        |
| 531747 | ICS FORCE4-25 Abrasive chain 10 in/25 cm         |
| 525344 | ICS FORCE4-29 Abrasive chain 15 in/38 cm         |
| 531753 | ICS FORCE4-34 Abrasive chain 20 in/50 cm         |
| 525347 | ICS FORCE4-40 Abrasive chain 25 in/63 cm         |
| 599881 | ICS FORCE4-50 Cross-LINK chain 10 in/25 cm       |
| 599882 | ICS FORCE4-58 Cross-LINK chain 15 in/38 cm       |
| 599883 | ICS FORCE4-68 Cross-LINK chain 20 in/50 cm       |
| 599884 | ICS FORCE4-80 Cross-LINK chain 25 in/63 cm       |
| 605443 | ICS FORCE4-25 Sandwich Segment chain 10 in/25 cm |
| 605414 | ICS FORCE4-29 Sandwich Segment chain 15 in/38 cm |
| 605400 | ICS FORCE4-34 Sandwich Segment chain 20 in/50 cm |
| 605399 | ICS FORCE4-40 Sandwich Segment chain 25 in/63 cm |
| 598280 | ICS FORCE4-25 Texas Edition chain 10 in/25 cm    |
| 598281 | ICS FORCE4-29 Texas Edition chain 15 in/38 cm    |
| 598282 | ICS FORCE4-34 Texas Edition chain 20 in/50 cm    |
| 598283 | ICS FORCE4-40 Texas Edition chain 25 in/63 cm    |
| 529829 | ICS Force4 Guidebar 10 in/25 cm                  |
| 523080 | ICS Force4 Guidebar 15 in/38 cm                  |
| 529767 | ICS Force4 Guidebar 20 in/50 cm                  |
| 525320 | ICS Force4 Guidebar 25 in/63 cm                  |
| 565065 | ICS Drive Sprocket - fits 890F4 & 701-A saws     |
| 565066 | ICS Drive Sprocket - fits all 890F4-FL saws      |

# DIAMOND CHAINS

**FORCE4**  
DIAMOND CHAIN®

*Designed to be the strongest, longest-lasting diamond chains ever made, the FORCE4 series delivers unrivaled performance in professional cutting applications. With eight different configurations, there is a FORCE4 chain to meet any cutting challenge.*

|                             |                                                                                      |                                                     |
|-----------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------------|
| <b>Cross-LINK</b>           |    | Faster cuts, smoother handling, longer life         |
| <b>FORCE4 Standard</b>      |    | Tough, general purpose diamond chain                |
| <b>FORCE4 Premium L</b>     |    | Delivers longer life in hard aggregate              |
| <b>FORCE4 Premium S</b>     |   | Speed and efficiency in one diamond chain           |
| <b>FORCE4 Abrasive</b>      |  | Excels in the abrasive cutting environments         |
| <b>FORCE4 Sandwich</b>      |  | Improved cut straightness and longer side clearance |
| <b>FORCE4 Texas Edition</b> |  | Optimized for very hard materials                   |

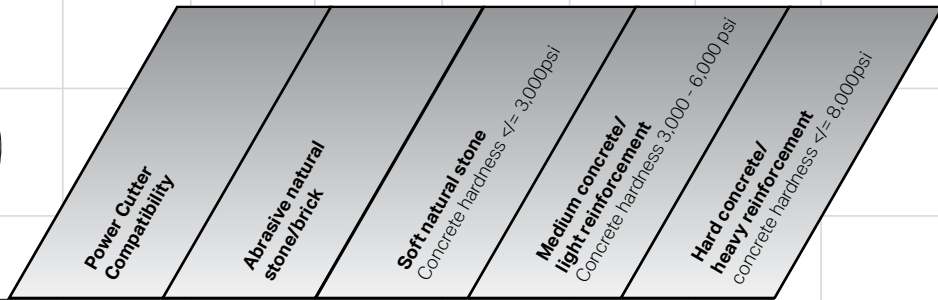


| 695XL FORCE4 GUIDE BARS     |                                 |
|-----------------------------|---------------------------------|
| 553208                      | ICS 695F4 Guidebar 12 in/30 cm  |
| 524490                      | ICS 695F4 Guidebar 16 in/40 cm  |
| 626485                      | ICS 695F4 Guidebar 20 in/50 cm  |
| 695XL FORCE4 DRIVE SPROCKET |                                 |
| 525496                      | ICS 695XL FORCE4 Drive Sprocket |

| 890 & 701-A FORCE4 GUIDE BARS      |                                       |
|------------------------------------|---------------------------------------|
| 529829                             | ICS Force4 Guidebar 10 in/25 cm       |
| 523080                             | ICS Force4 Guidebar 15 in/38 cm       |
| 529767                             | ICS Force4 Guidebar 20 in/50 cm       |
| 525320                             | ICS Force4 Guidebar 25 in/63 cm       |
| 890 & 701-A FORCE4 DRIVE SPROCKETS |                                       |
| 565065                             | ICS 890 & 701-A FORCE4 Drive Sprocket |
| 565066                             | ICS 890 FLUSH FORCE4 Drive Sprocket   |

# DIAMOND CHAINS

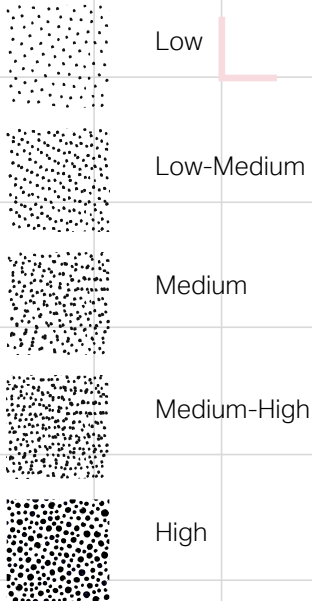
## Chain Selection Chart



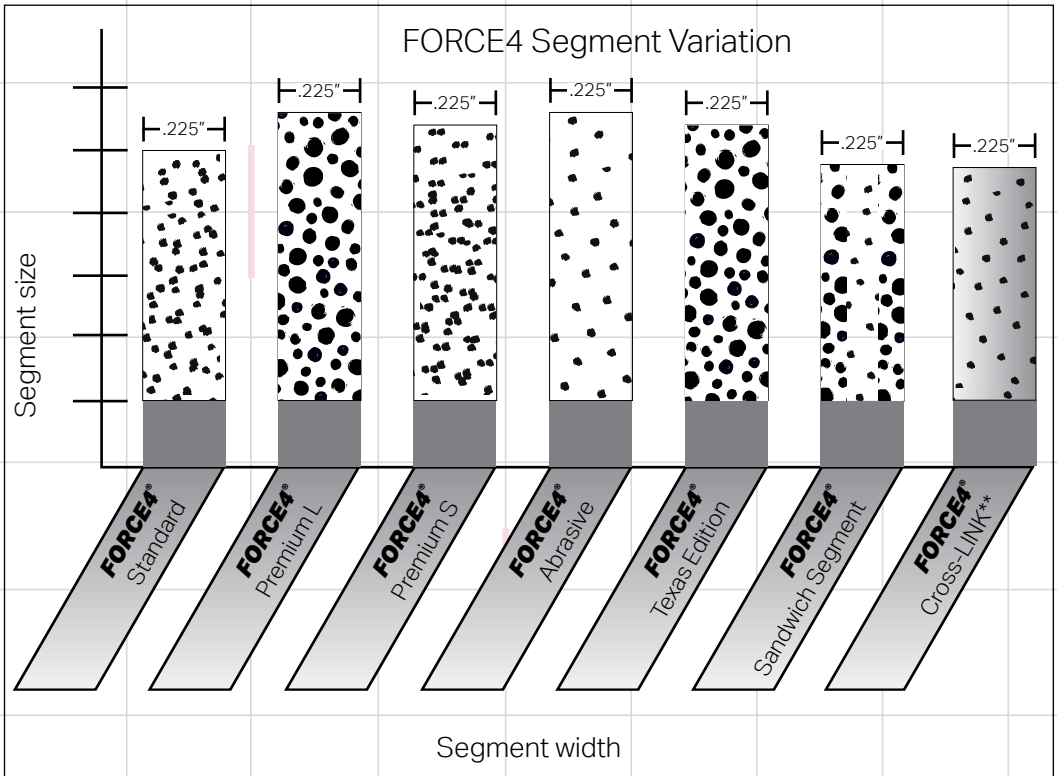
| Chain Types                                                       |                                 |      |     |     |      |
|-------------------------------------------------------------------|---------------------------------|------|-----|-----|------|
| <b>FORCE4®</b><br>General purpose                                 | 890 Series<br>701-A<br>695XL F4 |      | ♦♦  | ♦♦♦ | ♦    |
| <b>FORCE4® Premium L</b><br>Longer Cutting life                   | 890 Series<br>701-A<br>695XL F4 |      | ♦   | ♦♦  | ♦♦♦  |
| <b>FORCE4® Premium S</b><br>Faster cutting speed                  | 890 Series<br>701-A<br>695XL F4 |      | ♦   | ♦♦  | ♦♦♦  |
| <b>FORCE4® Abrasive</b><br>Ideal for brick & block                | 890 Series<br>701-A<br>695XL F4 | ♦♦♦♦ |     |     |      |
| <b>FORCE4® Texas Edition</b><br>Excellent for very hard aggregate | 890 Series<br>701-A<br>695XL F4 |      |     |     | ♦♦♦♦ |
| <b>FORCE4® Sandwich Segment</b><br>Longer side clearance          | 890 Series<br>701-A<br>695XL F4 |      | ♦   | ♦♦  | ♦♦♦  |
| <b>FORCE4® Cross-LINK</b><br>Faster cutting, longer lasting       | 890 Series<br>701-A<br>695XL F4 |      | ♦♦♦ | ♦♦♦ | ♦♦♦  |

|      |           |
|------|-----------|
| ♦    | Good      |
| ♦♦   | Better    |
| ♦♦♦  | Excellent |
| ♦♦♦♦ | Best      |

## Diamond Concentration



## FORCE4 Segment Variation



\* volume difference related to width not represented  
\*\* full house configuration

# DIAMOND CHAINS

## FORCE3 DIAMOND CHAIN

Designed to be used with the full line of ICS gas power cutters, these chains offer the ultimate combination of versatility and affordability. Available in three configurations to match your specific application and cutting challenges.

|                            |                                                                                   |                                                                         |
|----------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>FORCE3<br/>Standard</b> |  | Fast cutting, economical chain for everyday use                         |
| <b>FORCE3<br/>Premium</b>  |  | Best chain to cut harder aggregates and heavy rebar                     |
| <b>FORCE3<br/>Brick</b>    |  | Larger segments for longer life. Best for cutting brick, block and more |

### Chain Selection Chart

|                                                 |                      | Power Cutter<br>Compatibility | Abrasive natural<br>stone/brick | Soft natural stone<br>Concrete hardness $\leq 3,000$ psi | Medium concrete/<br>light reinforcement<br>Concrete hardness 3,000 - 6,000 psi | Hard concrete/<br>heavy reinforcement<br>concrete hardness $\leq 8,000$ psi |
|-------------------------------------------------|----------------------|-------------------------------|---------------------------------|----------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>FORCE3®</b><br>General purpose               | 680ES GC<br>695XL GC |                               | ♦♦                              | ♦♦                                                       |                                                                                |                                                                             |
| <b>FORCE3® Premium</b><br>For harder materials  | 680ES GC<br>695XL GC |                               | ♦♦                              | ♦♦♦                                                      | ♦♦♦                                                                            |                                                                             |
| <b>FORCE3® Brick</b><br>Ideal for brick & block | 680ES GC<br>695XL GC | ♦♦♦♦                          |                                 |                                                          |                                                                                |                                                                             |

|      |           |
|------|-----------|
| ♦    | Good      |
| ♦♦   | Better    |
| ♦♦♦  | Excellent |
| ♦♦♦♦ | Best      |

#### 680ES FORCE3 GUIDE BARS

|        |                                |
|--------|--------------------------------|
| 71395  | ICS 680GC Guidebar 12 in/30 cm |
| 513122 | ICS 680GC Guidebar 14 in/35 cm |

#### 695XL FORCE3 GUIDE BARS

|        |                                |
|--------|--------------------------------|
| 553207 | ICS 695GC Guidebar 12 in/30 cm |
| 73600  | ICS 695GC Guidebar 14 in/35 cm |
| 71600  | ICS 695GC Guidebar 16 in/40 cm |

#### 680ES/695XL FORCE3 DRIVE SPROCKET

|       |                            |
|-------|----------------------------|
| 70949 | Fits 680, and 695 Gas Saws |
|-------|----------------------------|

# APPLICATIONS



## CONCRETE CUTTING

Cut through foundations and create egress windows from one side with no overcuts. Plunge straight into thick walled concrete, and create small openings with no overcuts. The depth-of-cut possible with a concrete power cutter makes curb cuts possible without damaging surrounding materials. From precision vent or window installations to controlled demolition, our ICS power cutter is one of the most versatile tools on the job site.



# POWER CUTTERS



## 695XL - F4

Operates PowerGrit & PowerGrit XL chains  
**12", 16" & 20" lengths available**



## 680ES-PG

Operates PowerGrit & PowerGrit XL chains  
**10" & length available**

### 695XL-F4 GAS POWER

| P/N    | Description                                                                             |
|--------|-----------------------------------------------------------------------------------------|
| 575826 | ICS 695XL F4 Powerhead                                                                  |
| 575827 | ICS 695XL-16 PG Gas Power Cutter Pkg with 16 in/40 cm FORCE4 Guidebar & PowerGrit Chain |
| 547641 | ICS PowerGrit Chain 12 in/30 cm                                                         |
| 537764 | ICS PowerGrit Chain 16 in/40 cm                                                         |
| 537765 | ICS PowerGrit Chain 20 in/50 cm                                                         |
| 608233 | ICS PowerGrit XL Chain 12 in/30 cm                                                      |
| 607664 | ICS PowerGrit XL Chain 16 in/40 cm                                                      |
| 608216 | ICS PowerGrit XLChain 20 in/50 cm                                                       |
| 553208 | ICS 695F4 Guidebar 12 in/30 cm                                                          |
| 524490 | ICS 695F4 Guidebar 16 in/40 cm                                                          |
| 626485 | ICS 695F4 Guidebar 20 in/50 cm                                                          |
| 525496 | ICS Drive Sprocket for 695XL-F4 Series                                                  |

## 695XL - GAS POWER

- 6.4 horsepower
- 94 cc displacement
- 20 psi water supply
- 2 gpm water flow
- 50:1 fuel mix

### 680ES-GC GAS POWER

|        |                                                                                   |
|--------|-----------------------------------------------------------------------------------|
| 580423 | ICS 680ES-10 PG Gas Power Cutter Pkg, with 10 in/25 cm Guidebar & PowerGrit Chain |
| 580424 | ICS 680 PowerGrit Chain 10 in/25 cm (48 drive links)                              |
| 608234 | ICS 680 PowerGrit XL chain 10in/25cm (48 drive links)                             |
| 579158 | ICS 680 PowerGrit Guidebar 10 in/25 cm                                            |
| 525496 | ICS Drive Sprocket for 680ES-PG Series                                            |

## 680ES - GAS POWER

- 5.0 horsepower
- 76.5 cc displacement
- 20 psi water supply
- 2 gpm water flow
- 50:1 fuel mix



# POWER CUTTERS



## 890F4 & 890F4 FLUSH

Operates PowerGrit & PowerGrit XL chains  
10", 15", 20" & 25" lengths available



## 701-A

Operates PowerGrit & PowerGrit XL chains  
10", 15", 20" & 25" lengths available

### 890F4 HYDRAULIC POWER CUTTERS AND CONSUMABLES

#### 890 F4 HYDRAULIC POWERHEADS

| P/N    | Description                                                                     |
|--------|---------------------------------------------------------------------------------|
| 566110 | ICS 890F4 Hydraulic Powerhead<br>8 gpm/30 lpm, 1 ft/30 cm hose whips            |
| 566355 | ICS 890F4 Hydraulic Powerhead<br>8 gpm/30 lpm, 8 ft/2.5m hose whips             |
| 566112 | ICS 890F4 Hydraulic Powerhead<br>12 gpm/45 lpm, 1 ft/30 cm hose whips           |
| 566116 | ICS 890F4 Hydraulic Powerhead<br>12 gpm/45 lpm, 8 ft/2.5m hose whips            |
| 566113 | ICS 890F4 Hydraulic Flush Cut Powerhead<br>8 gpm/30 lpm, 1 ft/30 cm hose whips  |
| 566351 | ICS 890F4 Hydraulic Flush Cut Powerhead<br>8 gpm, 8 ft/2.5m hose whips          |
| 566114 | ICS 890F4 Hydraulic Flush Cut Powerhead<br>12 gpm/45 lpm, 1 ft/30 cm hose whips |
| 566117 | ICS 890F4 Hydraulic Flush Cut Powerhead<br>12 gpm/45 lpm, 8 ft/2.5m hose whips  |

#### 890 F4 POWERGRIT PIPE CUTTING CONSUMABLES

|        |                                     |
|--------|-------------------------------------|
| 547641 | ICS PowerGrit Chain 10 in/25 cm     |
| 537764 | ICS PowerGrit Chain 15 in/38 cm     |
| 537765 | ICS PowerGrit Chain 20 in/50 cm     |
| 545017 | ICS PowerGrit Chain 25 in/63 cm     |
| 608233 | ICS PowerGrit XL Chain 10 in/25 cm  |
| 607664 | ICS PowerGrit XL Chain 15 in/38 cm  |
| 608215 | ICS PowerGrit XL Chain 25 in/63 cm  |
| 529829 | ICS Force4 Guidebar 10 in/25 cm     |
| 523080 | ICS Force4 Guidebar 15 in/38 cm     |
| 529767 | ICS Force4 Guidebar 20 in/50 cm     |
| 525320 | ICS Force4 Guidebar 25 in/63 cm     |
| 565065 | ICS 890 FORCE4 Drive Sprocket       |
| 565066 | ICS 890 FLUSH FORCE4 Drive Sprocket |

### 701-A PNEUMATIC POWER CUTTERS

| P/N                                      | Description                        |
|------------------------------------------|------------------------------------|
| 573511                                   | ICS 701-A Powerhead, pneumatic     |
| 701-A POWERGRIT PIPE CUTTING CONSUMABLES |                                    |
| 547641                                   | ICS PowerGrit Chain 10 in/25 cm    |
| 537764                                   | ICS PowerGrit Chain 15 in/38 cm    |
| 537765                                   | ICS PowerGrit Chain 20 in/50 cm    |
| 545017                                   | ICS PowerGrit Chain 25 in/63 cm    |
| 608233                                   | ICS PowerGrit XL Chain 10 in/25 cm |
| 607664                                   | ICS PowerGrit XL Chain 15 in/38 cm |
| 608216                                   | ICS PowerGrit XL Chain 20 in/50 cm |
| 608215                                   | ICS PowerGrit XL Chain 25 in/63 cm |
| 529829                                   | ICS Force4 Guidebar 10 in/25 cm    |
| 523080                                   | ICS Force4 Guidebar 15 in/38 cm    |
| 529767                                   | ICS Force4 Guidebar 20 in/50 cm    |
| 525320                                   | ICS Force4 Guidebar 25 in/63 cm    |
| 565065                                   | ICS 890 FORCE4 Drive Sprocket      |

## 701-A PNEUMATIC POWER

- 6.6 horsepower
- 90 psi /124 cfm air supply requirements
- 20psi water supply
- 2gpm water flow

# DIAMOND CHAINS

## PowerGrit® PIPE CUTTING CHAIN

## PowerGrit® XL PIPE CUTTING CHAIN

Utilized by public and private water and wastewater departments worldwide, this patented technology exclusively from ICS is designed to cut a variety of materials from ductile iron to plastic pipe. Featuring a brazed layer diamond coating on our FORCE4 platform, this chain makes your job safer, faster and easier.

|                     |                                                                                    |                                                               |
|---------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------|
| <b>PowerGrit</b>    |  | Designed to cut ductile iron, cast iron and more              |
| <b>PowerGrit XL</b> |  | Specifically designed to cut high-density polyethylene (HDPE) |

|                                                              |                                          | Chain Selection Chart      |                                                 |      |
|--------------------------------------------------------------|------------------------------------------|----------------------------|-------------------------------------------------|------|
|                                                              |                                          | Power Cutter Compatibility | Ductile iron/cast iron ac pipe* / clay pipe/PVC | HDPE |
| <b>PowerGrit®</b><br>General purpose utility pipe            | 890 Series 701-A<br>695XL PG<br>680ES PG | ♦♦♦                        |                                                 |      |
| <b>PowerGrit® XL</b><br>Improved performance in utility pipe | 890 Series 701-A<br>695XL PG<br>680ES PG | ♦♦♦♦                       |                                                 | ♦♦♦  |

|      |                  |
|------|------------------|
| ♦    | <b>Good</b>      |
| ♦♦   | <b>Better</b>    |
| ♦♦♦  | <b>Excellent</b> |
| ♦♦♦♦ | <b>Best</b>      |

\* Asbestos is a hazardous material, known to cause serious respiratory diseases. Cutting into asbestos can release asbestos fibers into the air. Always research and follow the correct safety procedures, including applicable national and state or provisional occupational health and safety regulations, and protect yourself and those around you from asbestos-related disease. Always arrange for the material to be removed safely by a qualified person. ICS is not responsible for exposure to asbestos caused by use of this product.

| 890 & 701-A FORCE4 GUIDE BARS      |                                       |
|------------------------------------|---------------------------------------|
| 529829                             | ICS Force4 Guidebar 10 in/25 cm       |
| 523080                             | ICS Force4 Guidebar 15 in/38 cm       |
| 529767                             | ICS Force4 Guidebar 20 in/50 cm       |
| 525320                             | ICS Force4 Guidebar 25 in/63 cm       |
| 890 & 701-A FORCE4 DRIVE SPROCKETS |                                       |
| 565065                             | ICS 890 & 701-A FORCE4 Drive Sprocket |
| 565066                             | ICS 890 FLUSH FORCE4 Drive Sprocket   |

| 680ES FORCE4 GUIDE BARS     |                                        |
|-----------------------------|----------------------------------------|
| 579158                      | ICS 680 PowerGrit Guidebar 10 in/25 cm |
| 695XL FORCE4 DRIVE SPROCKET |                                        |
| 525496                      | ICS Drive Sprocket for 680ES-PG Series |
| 695XL FORCE4 GUIDE BARS     |                                        |
| 553208                      | ICS 695F4 Guidebar 12 in/30 cm         |
| 524490                      | ICS 695F4 Guidebar 16 in/40 cm         |
| 626485                      | ICS 695F4 Guidebar 20 in/50 cm         |
| 695XL FORCE4 DRIVE SPROCKET |                                        |
| 525496                      | ICS 695XL FORCE4 Drive Sprocket        |



# APPLICATIONS

## PIPE CUTTING

Our pipe cutting power cutter addresses operator safety with revolutionary grinding technology, virtually eliminating rotational kickback and improving operator positioning. Utilized by public water, private water and wastewater departments worldwide. The patented technology, exclusively from ICS, is designed to cut a variety of materials, from ductile iron to plastic pipe with far less excavation. The ability to cut up to 25 in/63 cm pipe completely from one side radically reduces the difficulty of the job. Complete your next job safer, faster and easier.



# ICS ACCESSORIES

## Hydraulic Hoses

Quick disconnect, 25 ft/7.5m long, 3000psi.



| PART NUMBER | DESCRIPTION     |
|-------------|-----------------|
| 70466       | HYDRAULIC HOSES |

## ICS 2-Stroke Oil

An oil formula that is cleaner burning, and provides better thermal protection.

50:1 Mix



| PART NUMBER | DESCRIPTION                 |
|-------------|-----------------------------|
| 571227      | OIL - 6-PACK 2.6 oz (77 ml) |

## Pipe Clamp

The pipe clamp accessory developed for pipe application brings a whole new level of safety, accuracy and ease of use to the job.

Works with:  
890F4 Series  
701-A Series

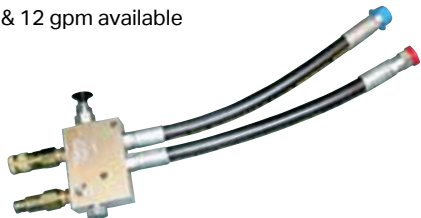


| PART NUMBER | DESCRIPTION     |
|-------------|-----------------|
| 537640      | PIPE CLAMP      |
| 537634      | PIPE CLAMP AXLE |

## Flow Adapter Valve

Power your ICS hydraulic power cutter from skid steers, backhoes, and other common construction equipment.

8 & 12 gpm available



| PART NUMBER | DESCRIPTION         |
|-------------|---------------------|
| 70350       | FLOW ADAPTOR 8 GPM  |
| 71287       | FLOW ADAPTOR 12 GPM |

## ICS Gearbags

Available in 2 sizes.

Small size fits an assembled 695XL with up to a 14" guidebar



| PART NUMBER | DESCRIPTION   |
|-------------|---------------|
| 582025      | SMALL GEARBAG |
| 582026      | LARGE GEARBAG |

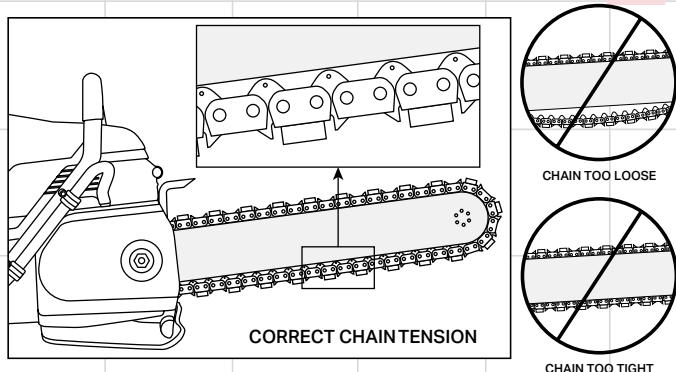
**ICS ICS ICS ICS ICS ICS ICS ICS ICS**

When the diamond segment has worn down to the welded pad on the chain chassis. Typically a chain will cut 40 – 80 (12 - 24m) linear feet in 6 in/15 cm concrete. On ICS hydraulic power cutter, this range is most often doubled.



Worn PowerGrit chain

All chains have a tendency to stretch when used. Diamond chains stretch more than wood cutting chains because of the abrasive materials they cut. If the chain is too tight, a lot of the power cutter's power goes into turning the chain rather than the cut. In extreme over-tightened cases, the power cutter may not be able to turn the chain at all. In addition, damage can occur to the bar nose and premature stretch may occur.



See ICS training videos for power cutter setup

The cooling and lubrication for the chains needs to be delivered thru the power cutter/guidebar and therefore you must have a minimum of 20 psi/1.4 bar going through the power cutter.

The guidebar is designed with water channels that distribute water to the chain to lubricate and cool and also flush the chain of debris. Pouring water on the chain is not only dangerous, it will drastically increase chain stretch and reduce chain and bar life.

Water, as previously stated, is crucial to the performance of these chains. There are several different anti-freeze products you can use in this situation. Contact your regulatory agency for specific details.

Drive sprockets need to be replaced when the groove has worn 50% of the way through the top of the sprocket tooth. A rule of thumb, for the ICS gas power cutters, is every 2-4 chains and for the ICS hydraulic power cutters, is every 7-9 chains (depending on chain chassis).



Yes, number 4 or 5 (12 or 16 mm) bar is not a problem. Anything over number 8 (25 mm) is difficult. Large amounts of rebar will reduce chain life. Caution: rebar must be surrounded by concrete or aggregate material.

PowerGrit pipe cutting chain is designed to cut ductile iron pipe, cast iron pipe, HDPE and PVC.

Consult your operator manual for the proper fuel to oil mix recommendation.

After each use, rinse the power cutter, bar and chain with water. Inspect all fasteners, sprocket, starter rope and air filter for wear. Oil the guidebar, diamond chain and bar nose sprocket and grease the chain tensioner.

Opening up the diamonds will increase the cutting speed. To do this, make a few cuts into an abrasive material like cinder block.

For more information and to view instructional videos,  
please visit: [ICSDIAMONDTOOLS.COM](http://ICSDIAMONDTOOLS.COM).

# TECHNICAL SPECIFICATIONS

## 695XL TECHNICAL SPECIFICATIONS

|                                                 |                                                                                                                                    |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Bar Cutting Depth                               | PowerGrit/PowerGrit XL<br>12in/30cm, 16 in/40cm<br>FORCE3<br>12in/30cm, 14 in/35cm, 16 in/40cm<br>FORCE4<br>12 in/30cm, 16 in/40cm |
| Powerhead Weight                                | 21 lbs/9.6 kg                                                                                                                      |
| Engine Speed                                    | 9300 +/- 150 rpm (max)                                                                                                             |
| Idling Speed                                    | 2700 +/- 100 rpm                                                                                                                   |
| Horsepower                                      | 6.4 hp (4.8 kW) @ 9000 rpm                                                                                                         |
| Engine Type                                     | 2-stroke, single cylinder, air cooled                                                                                              |
| Displacement                                    | 5.7 cu inch (94 cc)                                                                                                                |
| Powerhead Dimensions                            | 18"L x 14" H x 12" W<br>(46 cm x 36 cm x 30 cm)                                                                                    |
| Guaranteed Sound Power Level, Lwa (1)           | 115 dB(A); (Kwa = 1.0 dB(A))                                                                                                       |
| Sound Pressure Level, at Operator's Ear Lwa (1) | 104.6 dB(A); (K = 1.0 dB(A))                                                                                                       |
| Vibration, a hv, eq Concrete Cutting (2)        | 3.6 m/s <sup>2</sup> (K=0.2 m/s <sup>2</sup> ) Front Handle<br>3.1 m/s <sup>2</sup> (K=0.2 m/s <sup>2</sup> ) Rear Handle          |
| Vibration, a hv, eq Pipe Cutting (2)            | 5.62 m/s <sup>2</sup> (K=0.2 m/s <sup>2</sup> ) Front Handle<br>5.28 m/s <sup>2</sup> (K=0.2 m/s <sup>2</sup> ) Rear Handle        |
| Water Supply Requirement                        | Minimum of 20 psi (1.4 bar)                                                                                                        |
| Water Flow Requirement                          | Minimum: 2 gpm (8 lpm)                                                                                                             |
| Fuel Mix Ratio                                  | 50:1 (2%) fuel-to-oil                                                                                                              |
| Fuel Capacity                                   | 0.26 gal (1.0 liter)                                                                                                               |

(1) Measured in accordance with ANSI S12.51-2012/ISO3741:2010

(2) Measured in accordance with ISO5349-1:2001, ISO22867:2011 and ISO19432:201

## 680ES TECHNICAL SPECIFICATIONS

|                                                |                                                                                                                           |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Bar Cutting Depth                              | FORCE3<br>12in/30cm, 14 in/35cm<br>PowerGrit/PowerGrit XL<br>10in/25cm                                                    |
| Powerhead Weight                               | 21 lbs/9.6 kg                                                                                                             |
| Engine Speed                                   | 11500 +/- 500 rpm (max)                                                                                                   |
| Idling Speed                                   | 2800-3200 rpm                                                                                                             |
| Horsepower                                     | 5 hp (3.7 kW)                                                                                                             |
| Engine Type                                    | 2-stroke, single cylinder, air cooled                                                                                     |
| Displacement                                   | 4.7 cu inch (76.5 cc)                                                                                                     |
| Powerhead Dimensions                           | 18"L x 11.5" H x 10" W<br>(46 cm x 29 cm x 25 cm)                                                                         |
| Guaranteed Sound Power Level, Lwa (1)          | 117 dB(A); (Kwa = 3.0 dB(A))                                                                                              |
| Sound Pressure Level, at Operator's Ear Lwa(1) | 101.0 dB(A); (K = 2.0 dB(A))                                                                                              |
| Vibration, a hv, eq Concrete Cutting (2)       | 7.2 m/s <sup>2</sup> (K=1.0 m/s <sup>2</sup> ) Front Handle<br>8.5 m/s <sup>2</sup> (K=1.0 m/s <sup>2</sup> ) Rear Handle |
| Water Supply Requirement                       | Minimum of 20 psi (1.4 bar)                                                                                               |
| Water Flow                                     | Minimum: 2 gpm (8 lpm)                                                                                                    |
| Fuel Mix Ratio                                 | 50:1 (2%) fuel-to-oil                                                                                                     |
| Fuel Capacity                                  | 0.23 gal (0.88 liter)                                                                                                     |

(1) Measured in accordance with ANSI S12.51-2012/ISO3741:2010

(2) Measured in accordance with ISO5349-1:2001 and ISO22867:2011

# TECHNICAL SPECIFICATIONS

## 890F4 TECHNICAL SPECIFICATIONS

|                                                                    | 8 gpm (30 lpm)                                                                                                            | 12 gpm (45 lpm)                                                            |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Bar Cutting Depth                                                  | FORCE4 & PowerGrit/PowerGrit XL<br>10 in/25 cm, 15 in/38 cm,<br>20 in/50 cm, 25 in/63 cm                                  |                                                                            |
| Powerhead Weight<br>(1' hose whips)                                | 23.5 lbs (10.6 kg)                                                                                                        |                                                                            |
| Length                                                             | 23 inches (58.5 cm)                                                                                                       |                                                                            |
| Height                                                             | 10.5 inches (26.5 cm)                                                                                                     |                                                                            |
| Width                                                              | 9.5 inches (24 cm)                                                                                                        |                                                                            |
| Hydraulic Supply                                                   | 8 gpm (30 lpm) @<br>2,500 psi (172.5 bar)                                                                                 | 12 gpm (45 lpm) @<br>2,500 psi (172.5 bar)                                 |
| Hydraulic Fluid<br>Requirements (Type)                             | PC HYDREX MV32 or equivalent                                                                                              |                                                                            |
| Water Supply<br>Requirements                                       | Minimum: 20 psi (1.4 bar)                                                                                                 |                                                                            |
| Water Flow                                                         | 2 gpm (8 lpm) minimum                                                                                                     |                                                                            |
| Operating Speed                                                    | 6,100 rpm (avg. free<br>running)<br>5,500 sfm (avg. free<br>running chain)                                                | 6,500 rpm (avg. free<br>running)<br>5,800 sfm (avg. free<br>running chain) |
| Torque*                                                            | 7.0 ft-lbs (9.6 Nm)                                                                                                       | 10.0 ft-lbs (13.5 Nm)                                                      |
| Horsepower (1)*                                                    | 6 hp (4.5 kW)                                                                                                             | 8 hp (6.0 kW)                                                              |
| Guaranteed Sound<br>Power Level $L_{wa}$ (2)                       | 107 dB(A) (K=0.2 dB(A))                                                                                                   |                                                                            |
| Equivalent Sound<br>Pressure at the<br>Operator's Ear $L_{pA}$ (2) | 98 dB(A) (K=0.7 dB(A))                                                                                                    |                                                                            |
| Vibration $a_{hv,eq}$ ,<br>Concrete Cutting (3)                    | 2.0 m/s <sup>2</sup> (K=0.1 m/s <sup>2</sup> ) Front Handle<br>6.0 m/s <sup>2</sup> (K=1.4 m/s <sup>2</sup> ) Rear Handle |                                                                            |
| Vibration $a_{hv,eq}$ ,<br>PowerGrit Cutting (3)                   | 4.6 m/s <sup>2</sup> (K=0.1 m/s <sup>2</sup> ) Front Handle<br>4.8 m/s <sup>2</sup> (K=0.3 m/s <sup>2</sup> ) Rear Handle |                                                                            |

(1) Measured using 18HP hydraulic power pack (8 gpm/30 lpm and  
23HP hydraulic power pack (12 gpm/45 lpm) at 2000psi/138 bar.

(2) Measured in accordance with ISO3744:2010

(3) Measured in accordance with ISO5349-1:2001

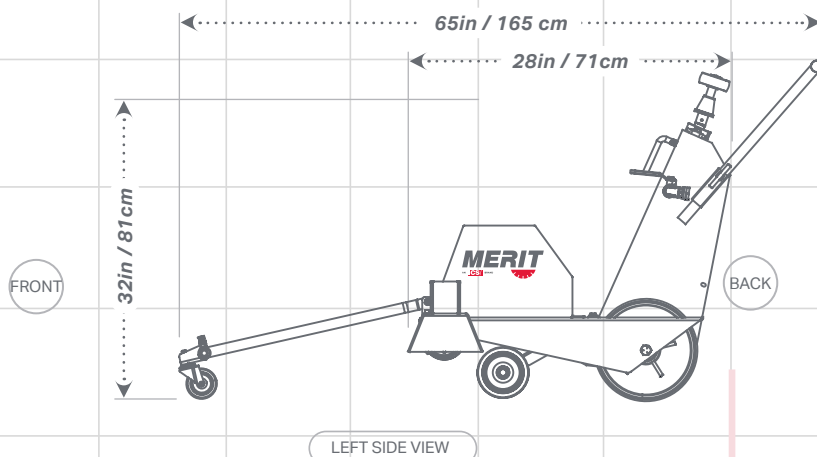
\* Output ratings based on maximum input conditions and efficiency  
assumptions and may vary depending on power supply.

## 701-A TECHNICAL SPECIFICATIONS

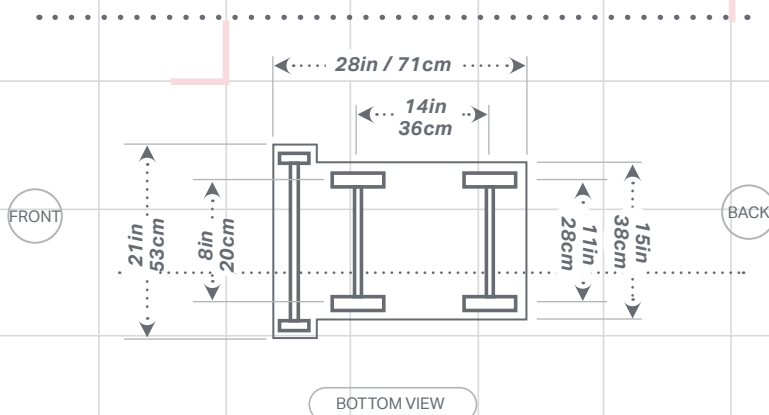
|                                                     |                                                                                                                               |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Bar Cutting Depth                                   | FORCE4 & PowerGrit/PowerGrit XL<br>10 in/25 cm, 15 in/38 cm,<br>20 in/50 cm, 25 in/63 cm                                      |
| Powerhead Weight                                    | 29 lbs (13 kg)                                                                                                                |
| Powerhead<br>Dimensions                             | 20" L x 10.5" H x 12" W<br>(58.5 cm x 26.5 cm x 30.5 cm)                                                                      |
| Air Motor Power                                     | 6.5hp (5 kW)                                                                                                                  |
| Air Supply<br>Requirements<br>(maximum)             | 90 psi (6 bar)<br>124 cfm (3.5 m <sup>3</sup> /min)                                                                           |
| Motor lubrication                                   | Resin and acid-free<br>SAE 5 W to SAE 10 W oil                                                                                |
| Water Supply<br>Requirements                        | Minimum: 20 psi (1.4 bar)                                                                                                     |
| Water Flow                                          | Minimum: 2 gpm (8 lpm)                                                                                                        |
| Operating Speed                                     | 5,700 rpm (average free running)<br>4,900 sfm (average free running chain)                                                    |
| Vibration $a_{hv,eq}$ , eq<br>Concrete Cutting (2)  | Front handle: 5.09 m/s <sup>2</sup> (K=0.2 m/s <sup>2</sup> )<br>Rear handle: 5.07 m/s <sup>2</sup> (K=0.2 m/s <sup>2</sup> ) |
| Vibration $a_{hv,eq}$ , eq<br>PowerGrit Cutting (2) | Front handle: 4.58 m/s <sup>2</sup> (K=0.2 m/s <sup>2</sup> )<br>Rear handle: 4.43 m/s <sup>2</sup> (K=0.2 m/s <sup>2</sup> ) |
| Guaranteed Sound<br>Power Level $L_{wa}$ (1)        | 113 dB(A); (Kwa=0.5 dB(A))                                                                                                    |

(1) Measured in accordance with ANSI S12.51-2012/ISO3741:2010

(2) Measured in accordance with ISO5349-1:2001 and ISO22867:2011



**10in / 25cm Max Cut**



|                                  |                                           |
|----------------------------------|-------------------------------------------|
| <b>Raise &amp; Lower Control</b> | Manual                                    |
| <b>Air Filter</b>                | N/A                                       |
| <b>Blade Mounting</b>            | Left and right                            |
| <b>Blade Shaft Drive</b>         | 1in / 2.5cm with 4in / 10cm arbors        |
| <b>Approx. Weight</b>            | 200lbs. / 91kg.                           |
| <b>Drive Speed</b>               | Push                                      |
| <b>Depth Control</b>             | Manual                                    |
| <b>Spindle Size</b>              | 1.25in / 3cm with tapered roller bearings |
| <b>Arbor Size</b>                | 1in / 2.5cm                               |
| <b>Engine Manufacturer</b>       | Cross                                     |
| <b>Hydraulic Flow</b>            | 28gpm / 106lpm                            |
| <b>PSI</b>                       | 2500psi / 172bar                          |

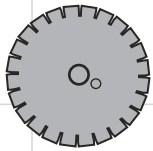
| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |

20

# FLAT SAWS

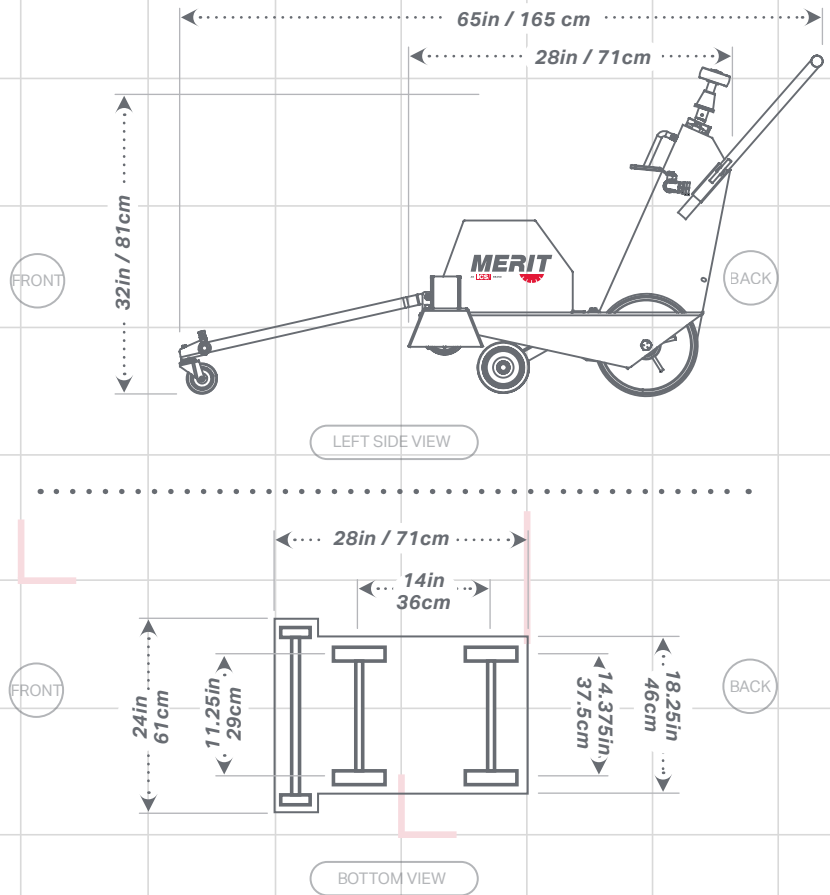


**M100W-10E - ELECTRIC POWER**



**14in - 24in**  
**35cm - 61cm**

**10in/25cm Max Cut**



## SPECIFICATIONS

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| <b>Raise &amp; Lower Control</b> | Manual                                    |
| <b>Air Filter</b>                | N/A                                       |
| <b>Blade Mounting</b>            | Left and right                            |
| <b>Blade Shaft Drive</b>         | 1in / 2.5cm with 4in / 10cm arbors        |
| <b>Approx. Weight</b>            | 336lbs. / 152kg.                          |
| <b>Drive Speed</b>               | Push                                      |
| <b>Depth Control</b>             | Manual                                    |
| <b>Spindle Size</b>              | 1.25in / 3cm with tapered roller bearings |
| <b>Arbor Size</b>                | 1in / 2.5cm                               |
| <b>Engine Manufacturer</b>       | Baldor                                    |
| <b>Voltage</b>                   | 480V 3-phase                              |

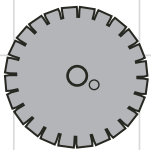
| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |

| Part Number | Description                          |
|-------------|--------------------------------------|
| M100W-10E-P | M100W, 10HP, ELECTRIC, PUSH FLAT SAW |

# FLAT SAWS

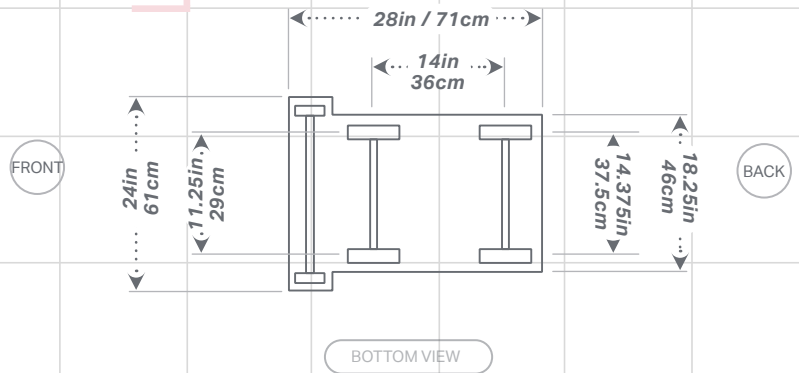
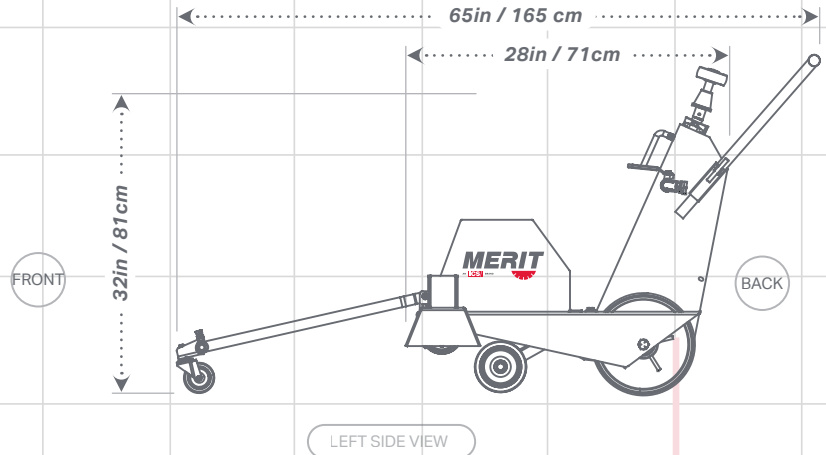


## M100W-23G - GAS POWER



**14in - 24in**  
**35cm - 61cm**

**10in/25cm Max Cut**



### SPECIFICATIONS

**Raise & Lower Control**  
**Air Filter**  
**Blade Mounting**  
**Blade Shaft Drive**  
**Approx. Weight**  
**Drive Speed**  
**Depth Control**  
**Spindle Size**  
**Arbor Size**  
**Engine Manufacturer**  
**Fuel Capacity**

Manual  
Engine supplied  
Left and right  
1in / 2.5cm with 4in / 10cm arbors  
230lbs. / 104kg.  
Push  
Manual  
1.25in / 3cm with tapered roller bearings  
1in / 2.5cm  
Kohler  
1.5 gallons / 6L

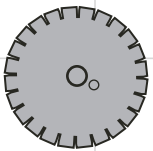
| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |

| Part Number | Description                     |
|-------------|---------------------------------|
| M100W-23G-P | M100W, 23HP, GAS, PUSH FLAT SAW |

# FLAT SAWS

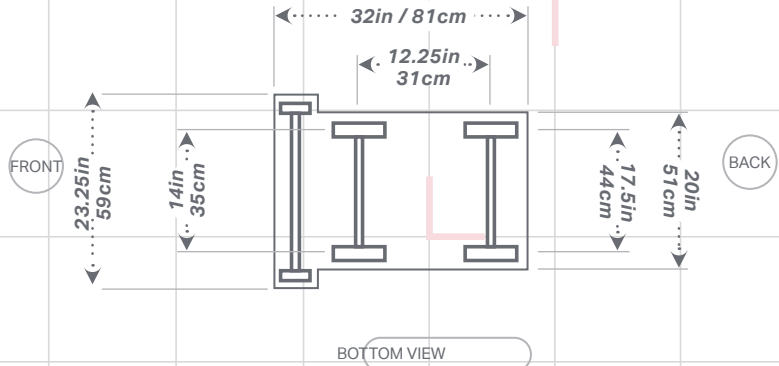
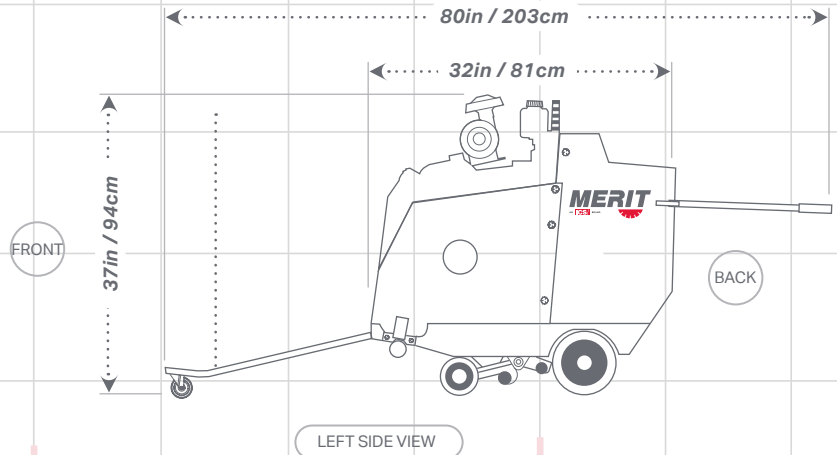


## M250-10E - ELECTRIC POWER



**14in- 24in**  
**35cm - 61cm**

**10in/25cm Max Cut**



### SPECIFICATIONS

|                       |                                           |
|-----------------------|-------------------------------------------|
| Raise & Lower Control | Manual                                    |
| Air Filter            | N/A                                       |
| Blade Mounting        | Left and right                            |
| Blade Shaft Drive     | 1in / 2.5cm with 4in / 10cm arbors        |
| Approx. Weight        | 425lbs. / 218kg.                          |
| Drive Speed           | 0-200 FPM                                 |
| Depth Control         | Manual                                    |
| Spindle Size          | 1.25in / 3cm with tapered roller bearings |
| Arbor Size            | 1in / 2.5cm                               |
| Engine Manufacturer   | Baldor                                    |
| Voltage               | 480V 3-phase                              |

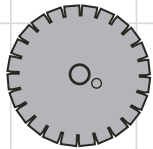
| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |

| Part Number | Description                                   |
|-------------|-----------------------------------------------|
| M250-10E-SP | M250, 10HP, ELECTRIC, SELF-PROPELLED FLAT SAW |

# FLAT SAWS

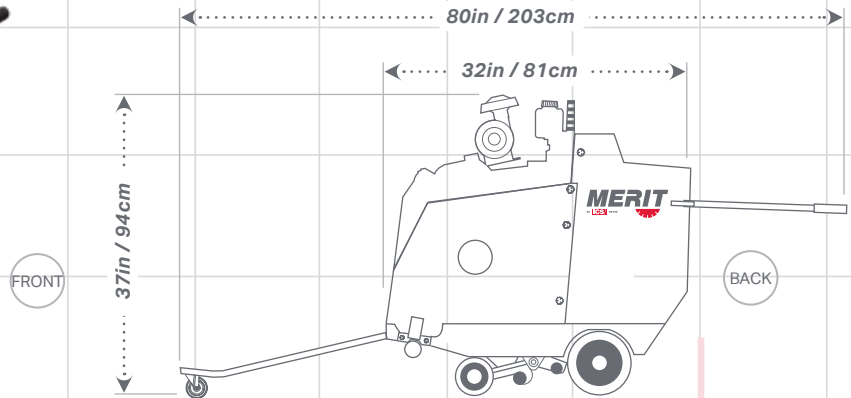


## M250W-23G - GAS POWER

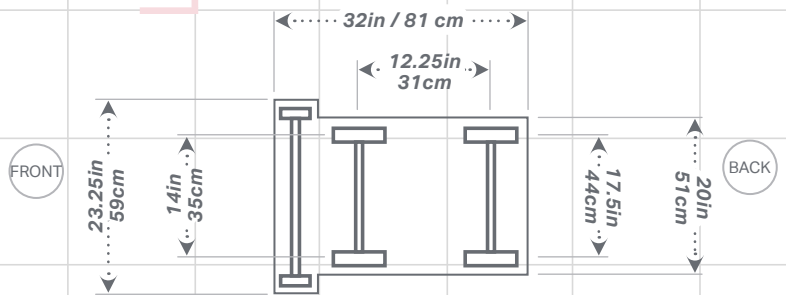


**14in - 24in**  
**35cm - 61cm**

**10in/25cm Max Cut**



LEFT SIDE VIEW



BOTTOM VIEW

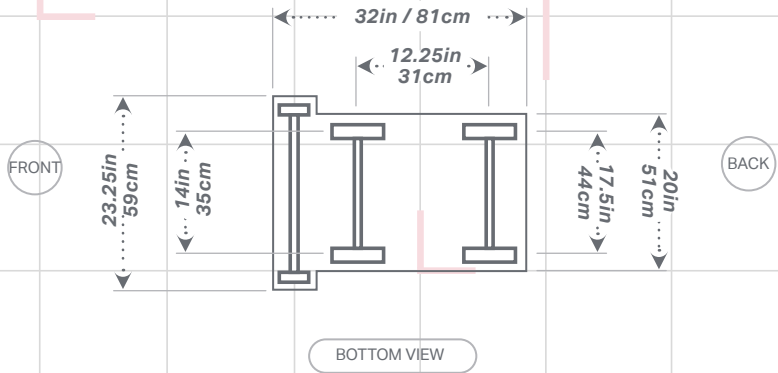
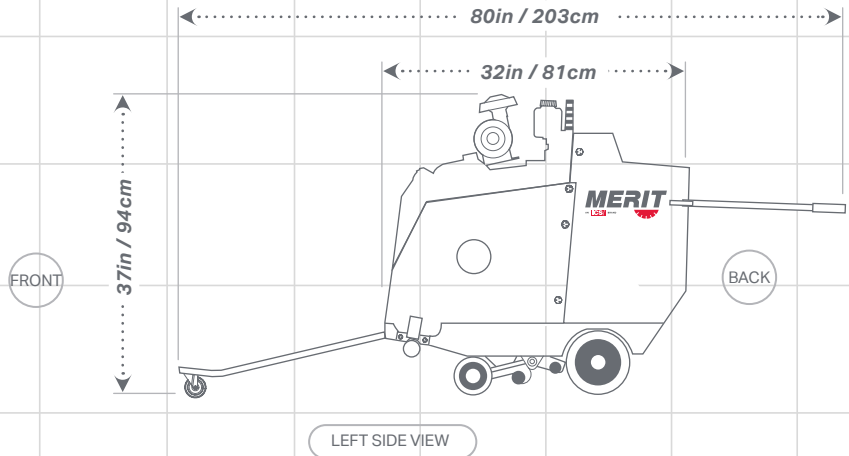
### SPECIFICATIONS

|                       |                                           |
|-----------------------|-------------------------------------------|
| Raise & Lower Control | Manual                                    |
| Air Filter            | Engine supplied                           |
| Blade Mounting        | Left and right                            |
| Blade Shaft Drive     | 1in / 2.5cm with 4in / 10cm arbors        |
| Approx. Weight        | 480lbs. / 218kg.                          |
| Drive Speed           | 0-200 FPM                                 |
| Depth Control         | Manual                                    |
| Spindle Size          | 1.25in / 3cm with tapered roller bearings |
| Arbor Size            | 1in / 2.5cm                               |
| Engine Manufacturer   | Kohler                                    |
| Fuel Capacity         | 3.5 gallons / 13L                         |

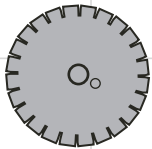
| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |

| Part Number | Description                              |
|-------------|------------------------------------------|
| M250-23G-SP | M250, 23HP, GAS, SELF-PROPELLED FLAT SAW |

# FLAT SAWS



## M250-30H - HYDRAULIC POWER



**14in- 24in**  
**35cm - 61cm**

**10in/25cm Max Cut**



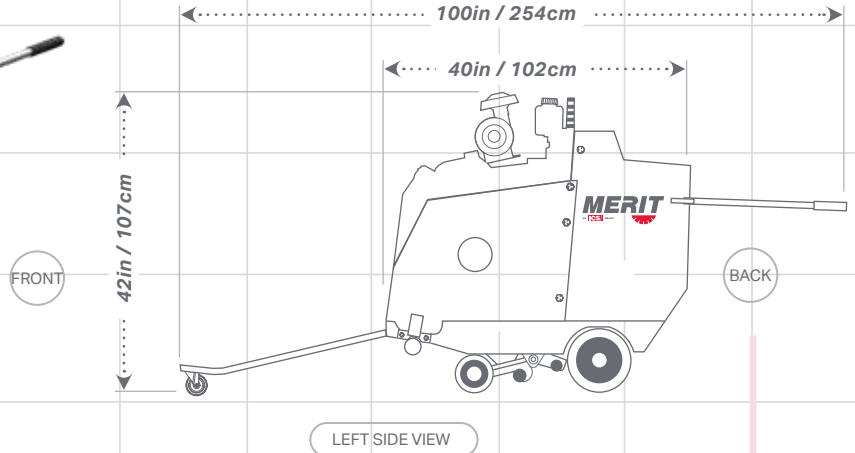
### SPECIFICATIONS

|                       |                                           |
|-----------------------|-------------------------------------------|
| Raise & Lower Control | Manual                                    |
| Air Filter            | N/A                                       |
| Blade Mounting        | Left and right                            |
| Blade Shaft Drive     | 1in / 2.5cm with 4in / 10cm arbors        |
| Approx. Weight        | 480lbs. / 218kg.                          |
| Drive Speed           | 0-200 FPM                                 |
| Depth Control         | Manual                                    |
| Spindle Size          | 1.25in / 3cm with tapered roller bearings |
| Arbor Size            | 1in / 2.5cm                               |
| Engine Manufacturer   | Cross                                     |
| Fuel Capacity         | N/A                                       |
| Hydraulic Flow        | 28gpm / 106lpm                            |
| PSI                   | 2500psi / 172bar                          |

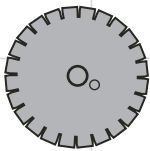
| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |

| Part Number | Description                                    |
|-------------|------------------------------------------------|
| M250-30H-SP | M250, 30HP, HYDRAULIC, SELF-PROPELLED FLAT SAW |

# FLAT SAWS

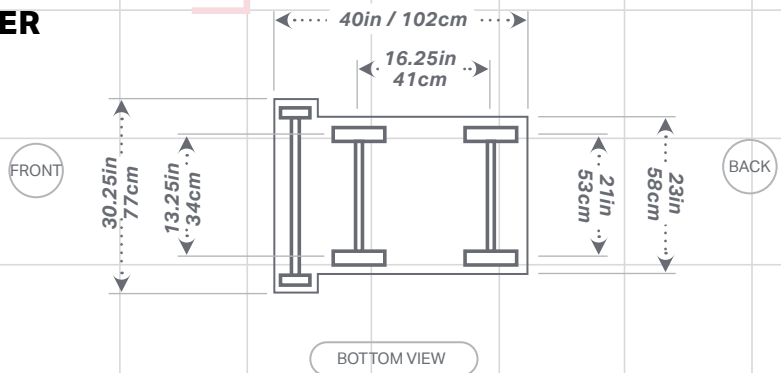


## M350-20E-R4 ELECTRIC POWER



**14in - 30in**  
**35cm - 76cm**

**13in/33cm Max Cut**



### SPECIFICATIONS

|                                  |                                    |
|----------------------------------|------------------------------------|
| <b>Raise &amp; Lower Control</b> | Standard                           |
| <b>Air Filter</b>                | N/A                                |
| <b>Blade Mounting</b>            | Left and right                     |
| <b>Blade Shaft Drive</b>         | 1in / 2.5cm with 4in / 10cm arbors |
| <b>Approx. Weight</b>            | 900lbs. / 408kg.                   |
| <b>Drive Speed</b>               | 0-200 FPM                          |
| <b>Depth Control</b>             | Mechanical                         |
| <b>Arbor Size</b>                | 1in / 2.5cm                        |
| <b>Engine Manufacturer</b>       | Baldor                             |
| <b>Voltage</b>                   | 480V 3-phase                       |

| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |
| 26 x 2            | 66 x 5            |
| 30 x 3            | 76 x 7            |

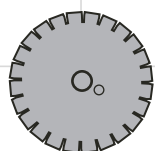
| Part Number      | Description                                                                                  |
|------------------|----------------------------------------------------------------------------------------------|
| M350-20E-R4-1110 | M350, 20HP, ELECTRIC, REAR PIVOT, 4 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT |

# FLAT SAWS

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FLAT SAWS

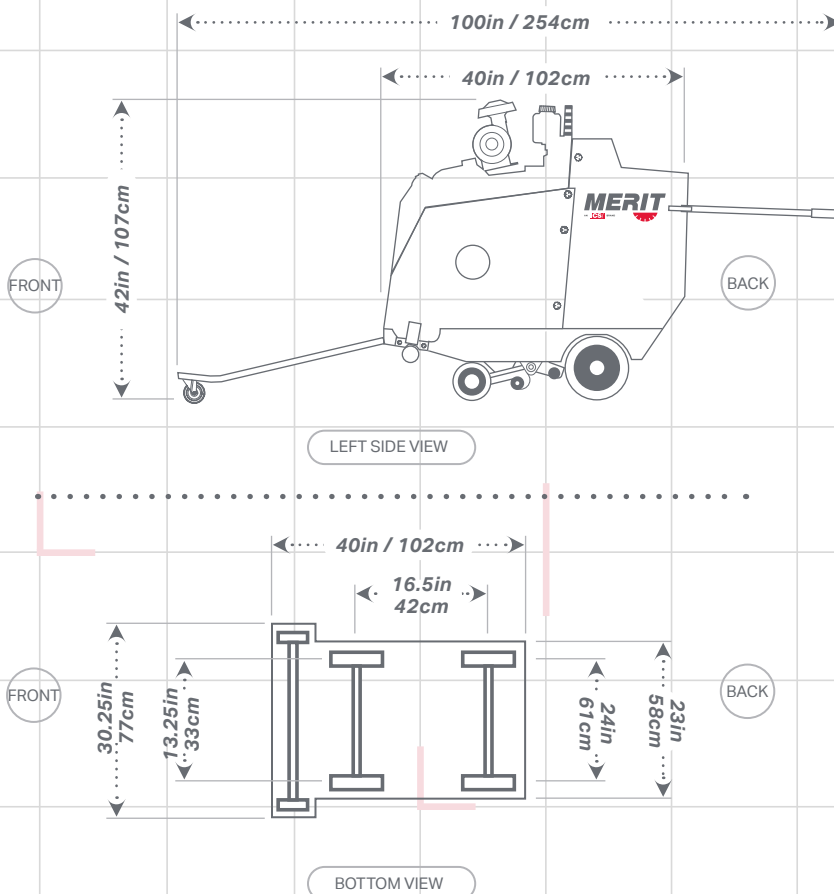


## M350-38G-R4 GAS POWER



**14in - 30in**  
**35cm - 76cm**

**13in/33cm Max Cut**



## SPECIFICATIONS

|                                  |                                    |
|----------------------------------|------------------------------------|
| <b>Raise &amp; Lower Control</b> | Standard                           |
| <b>Air Filter</b>                | Heavy duty                         |
| <b>Blade Mounting</b>            | Left and right                     |
| <b>Blade Shaft Drive</b>         | 1in / 2.5cm with 4in / 10cm arbors |
| <b>Approx. Weight</b>            | 950lbs. / 431kg.                   |
| <b>Drive Speed</b>               | 0-200 FPM                          |
| <b>Depth Control</b>             | Mechanical                         |
| <b>Arbor Size</b>                | 1in / 2.5cm                        |
| <b>Engine Manufacturer</b>       | Kohler                             |
| <b>Fuel Capacity</b>             | 5 gallons / 19L                    |

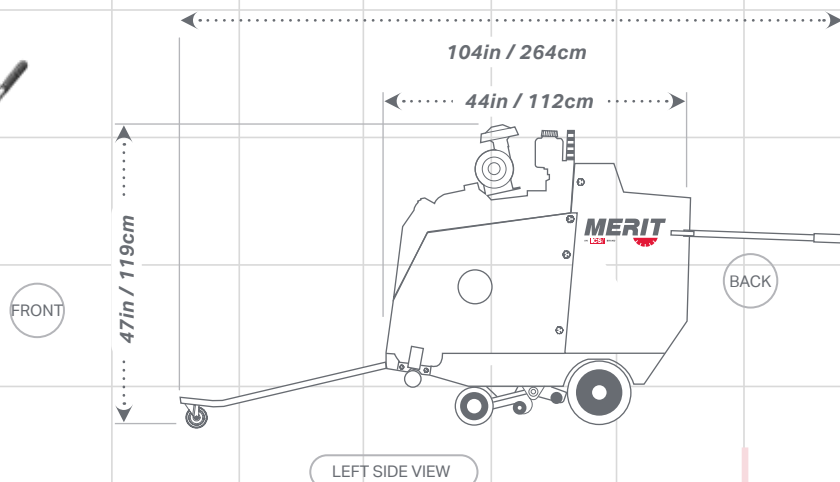
| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |
| 26 x 2            | 66 x 5            |
| 30 x 3            | 76 x 7            |

| Part Number      | Description                                                                             |
|------------------|-----------------------------------------------------------------------------------------|
| M350-38G-R4-1110 | M350, 38HP, GAS, REAR PIVOT, 4 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT |

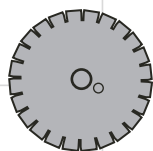
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# FLAT SAWS

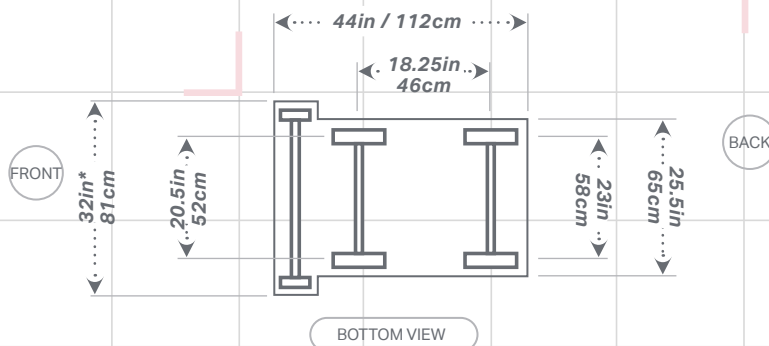


## M400SS-30E - ELECTRIC POWER



**14in - 30in**  
**35cm - 76cm**

**13in/33cm Max Cut**



**\*32in / 82cm Standard**  
**30.5in / 77.5cm QD w/components**  
**28.375in / 72cm QD (Flush) w/components**

### SPECIFICATIONS

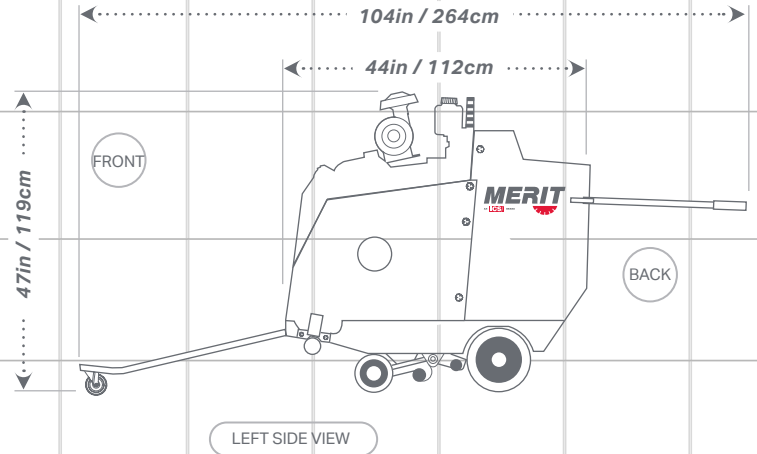
|                                  |                                    |
|----------------------------------|------------------------------------|
| <b>Raise &amp; Lower Control</b> | Button or standard                 |
| <b>Air Filter</b>                | N/A                                |
| <b>Blade Mounting</b>            | Left and right                     |
| <b>Blade Shaft Drive</b>         | 1in / 2.5cm with 4in / 10cm arbors |
| <b>Approx. Weight</b>            | 1100lbs. / 499kg.                  |
| <b>Drive Speed</b>               | 0-240 FPM                          |
| <b>Depth Control</b>             | Mechanical                         |
| <b>Arbor Size</b>                | 1in / 2.5cm                        |
| <b>Engine Manufacturer</b>       | Baldor                             |
| <b>Voltage</b>                   | 480V 3-phase                       |

| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |
| 26 x 2            | 66 x 5            |
| 30 x 3            | 76 x 7            |

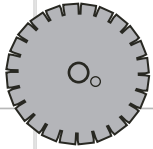
### 400SS SERIES - 30HP - ELECTRIC - REAR PIVOT - 4 SPEED

|                    |                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------|
| M400SS-30E-R4-1110 | M400SS, 30HP, ELECTRIC, REAR PIVOT, 4 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |
| M400SS-30E-R4-2110 | M400SS, 30HP, ELECTRIC, REAR PIVOT, 4 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |
| M400SS-30E-R4-1210 | M400SS, 30HP, ELECTRIC, REAR PIVOT, 4 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |
| M400SS-30E-R4-2210 | M400SS, 30HP, ELECTRIC, REAR PIVOT, 4 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |

# FLAT SAWS

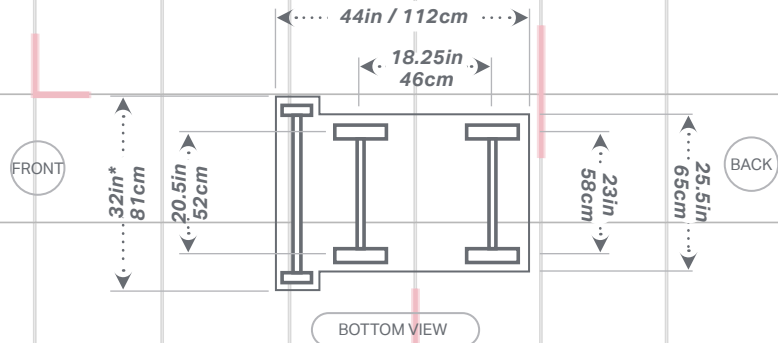


## M400SS-50G - GAS POWER



**14in - 30in**  
**35cm - 76cm**

**13in/33cm Max Cut**



**\*32in / 82cm Standard**  
**30.5in / 77.5cm QD w/components**  
**28.375in / 72cm QD (Flush) w/components**

## SPECIFICATIONS

|                                  |                                    |
|----------------------------------|------------------------------------|
| <b>Raise &amp; Lower Control</b> | Button or standard                 |
| <b>Air Filter</b>                | 2 stage                            |
| <b>Blade Mounting</b>            | Left and right                     |
| <b>Blade Shaft Drive</b>         | 1in / 2.5cm with 4in / 10cm arbors |
| <b>Approx. Weight</b>            | 1150lbs. / 522kg.                  |
| <b>Drive Speed</b>               | 0-240 FPM                          |
| <b>Depth Control</b>             | Mechanical                         |
| <b>Arbor Size</b>                | 1in / 2.5cm                        |
| <b>Engine Manufacturer</b>       | Kubota                             |
| <b>Fuel Capacity</b>             | 6.5 gallons / 25L                  |

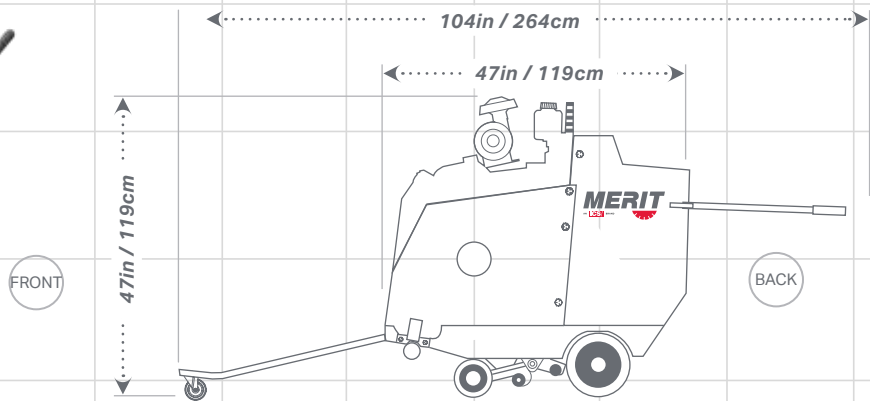
| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |
| 26 x 2            | 66 x 5            |
| 30 x 3            | 76 x 7            |

## 400SS SERIES - 50HP - GAS - REAR PIVOT - 1 SPEED

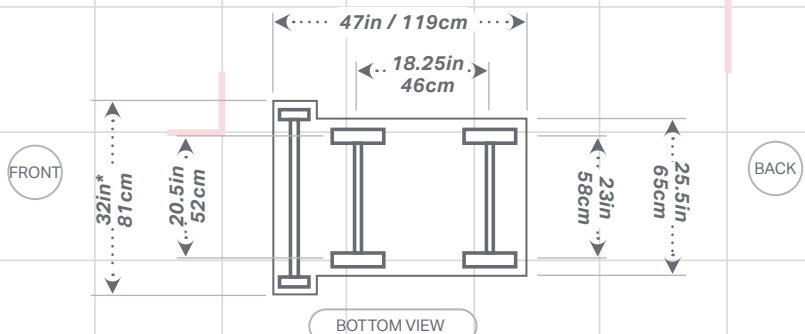
|                    |                                                                                                   |
|--------------------|---------------------------------------------------------------------------------------------------|
| M400SS-50G-R1-1110 | M400SS, 50HP, GAS, REAR PIVOT, 1 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |
| M400SS-50G-R1-2110 | M400SS, 50HP, GAS, REAR PIVOT, 1 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |
| M400SS-50G-R1-1210 | M400SS, 50HP, GAS, REAR PIVOT, 1 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |
| M400SS-50G-R1-2210 | M400SS, 50HP, GAS, REAR PIVOT, 1 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |

## 400SS SERIES - 50HP - GAS - REAR PIVOT - 4 SPEED

|                    |                                                                                                   |
|--------------------|---------------------------------------------------------------------------------------------------|
| M400SS-50G-R4-1110 | M400SS, 50HP, GAS, REAR PIVOT, 4 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |
| M400SS-50G-R4-2110 | M400SS, 50HP, GAS, REAR PIVOT, 4 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |
| M400SS-50G-R4-1210 | M400SS, 50HP, GAS, REAR PIVOT, 4 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |
| M400SS-50G-R4-2210 | M400SS, 50HP, GAS, REAR PIVOT, 4 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |



**16in/41cm Max Cut**



|  |                                         |
|--|-----------------------------------------|
|  | *32in / 82cm Standard                   |
|  | 30.5in / 77.5cm QD w/components         |
|  | 28.375in / 72cm QD (Flush) w/components |

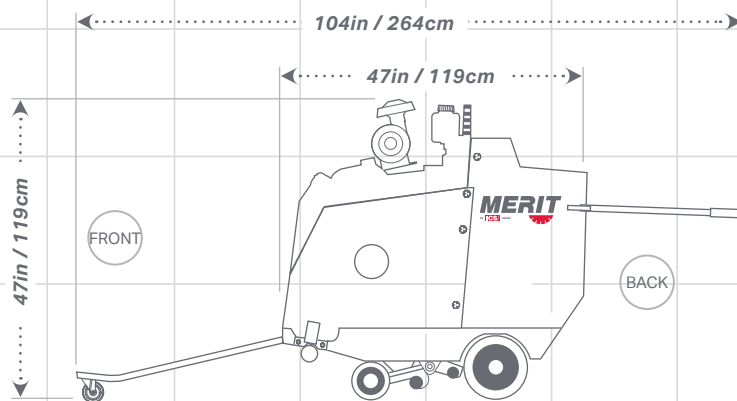
|                                  |                                    |
|----------------------------------|------------------------------------|
| <b>Raise &amp; Lower Control</b> | Button or standard                 |
| <b>Air Filter</b>                | N/A                                |
| <b>Blade Mounting</b>            | Left and right                     |
| <b>Blade Shaft Drive</b>         | 1in / 2.5cm with 4in / 10cm arbors |
| <b>Approx. Weight</b>            | 1100lbs. / 499kg.                  |
| <b>Drive Speed</b>               | 0-240 FPM                          |
| <b>Depth Control</b>             | Mechanical                         |
| <b>Arbor Size</b>                | 1in / 2.5cm                        |
| <b>Engine Manufacturer</b>       | Baldor                             |
| <b>Voltage</b>                   | 480V 3-phase                       |

| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |
| 26 x 2            | 66 x 5            |
| 30 x 3            | 76 x 7            |
| 32 x 3            | 81 x 7            |
| 36 x 3            | 91 x 7            |

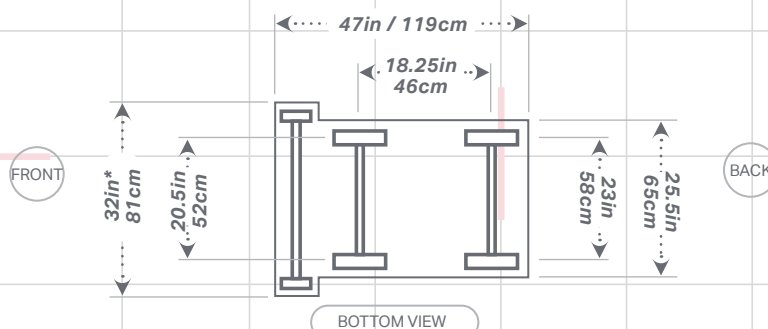
|                  |                                                                                                       |  |  |
|------------------|-------------------------------------------------------------------------------------------------------|--|--|
| M400-30E-F4-1110 | M400, 30HP, ELECTRIC, FRONT PIVOT, 4 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |  |  |
| M400-30E-F4-2110 | M400, 30HP, ELECTRIC, FRONT PIVOT, 4 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |  |  |
| M400-30E-F4-1210 | M400, 30HP, ELECTRIC, FRONT PIVOT, 4 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |  |  |
| M400-30E-F4-2210 | M400, 30HP, ELECTRIC, FRONT PIVOT, 4 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |  |  |

|                  |                                                                                                      |  |  |
|------------------|------------------------------------------------------------------------------------------------------|--|--|
| M400-30E-R4-1110 | M400, 30HP, ELECTRIC, REAR PIVOT, 4 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |  |  |
| M400-30E-R4-2110 | M400, 30HP, ELECTRIC, REAR PIVOT, 4 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |  |  |
| M400-30E-R4-1210 | M400, 30HP, ELECTRIC, REAR PIVOT, 4 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |  |  |
| M400-30E-R4-2210 | M400, 30HP, ELECTRIC, REAR PIVOT, 4 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |  |  |

# FLAT SAWS



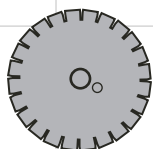
LEFT SIDE VIEW



BOTTOM VIEW

\*32in / 82cm Standard  
30.5in / 77.5cm QD w/components  
28.375in / 72cm QD (Flush) w/components

## M400 -50G - GAS POWER



14in - 36in

35cm - 91cm

16in/41cm Max Cut



### SPECIFICATIONS

|                       |                                    |
|-----------------------|------------------------------------|
| Raise & Lower Control | Button or standard                 |
| Air Filter            | 2 stage                            |
| Blade Mounting        | Left and right                     |
| Blade Shaft Drive     | 1in / 2.5cm with 4in / 10cm arbors |
| Approx. Weight        | 1200lbs. / 544kg.                  |
| Drive Speed           | 0-240 FPM                          |
| Depth Control         | Mechanical                         |
| Arbor Size            | 1in / 2.5cm                        |
| Engine Manufacturer   | Kubota                             |
| Fuel Capacity         | 6.5 gallons / 25L                  |

| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |
| 26 x 2            | 66 x 5            |
| 30 x 3            | 76 x 7            |
| 32 x 3            | 81 x 7            |
| 36 x 3            | 91 x 7            |

## 400 SERIES - 50HP - GAS - FRONT PIVOT - 4 SPEED

|                  |                                                                                                  |
|------------------|--------------------------------------------------------------------------------------------------|
| M400-50G-F4-1110 | M400, 50HP, GAS, FRONT PIVOT, 4 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |
| M400-50G-F4-2110 | M400, 50HP, GAS, FRONT PIVOT, 4 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |
| M400-50G-F4-1210 | M400, 50HP, GAS, FRONT PIVOT, 4 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |
| M400-50G-F4-2210 | M400, 50HP, GAS, FRONT PIVOT, 4 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |

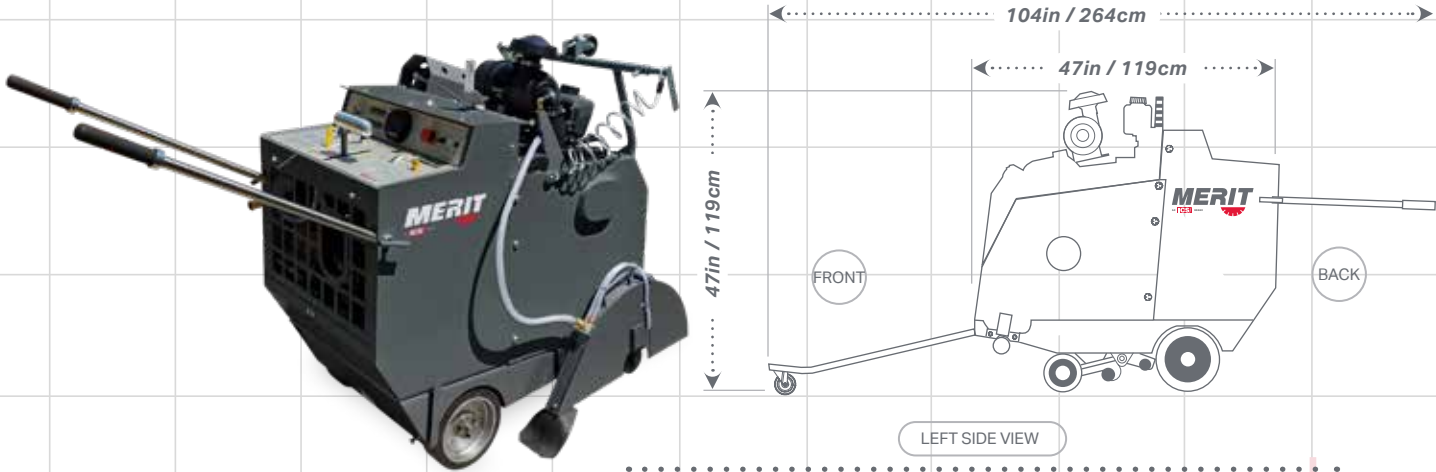
## 400 SERIES - 50HP - GAS - REAR PIVOT - 4 SPEED

|                  |                                                                                                 |
|------------------|-------------------------------------------------------------------------------------------------|
| M400-50G-R4-1110 | M400, 50HP, GAS, REAR PIVOT, 4 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |
| M400-50G-R4-2110 | M400, 50HP, GAS, REAR PIVOT, 4 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |
| M400-50G-R4-1210 | M400, 50HP, GAS, REAR PIVOT, 4 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |
| M400-50G-R4-2210 | M400, 50HP, GAS, REAR PIVOT, 4 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |

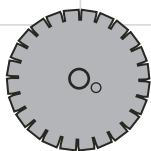
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# FLAT SAWS

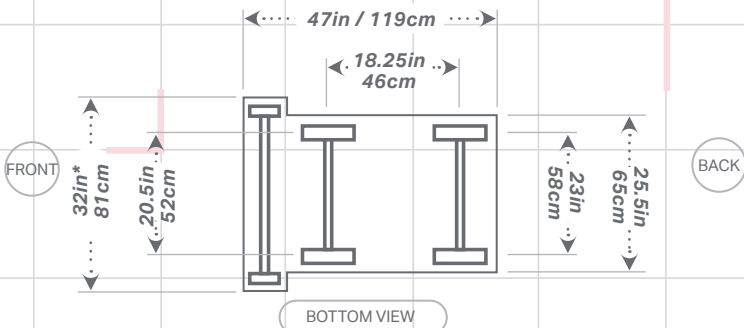


## M400 -50G - GAS POWER



14in - 36in  
35cm - 91cm

16in/41cm Max Cut



\*32in / 82cm Standard  
30.5in / 77.5cm QD w/components  
28.375in / 72cm QD (Flush) w/components

### SPECIFICATIONS

|                       |                                    |
|-----------------------|------------------------------------|
| Raise & Lower Control | Button or standard                 |
| Air Filter            | 2 stage                            |
| Blade Mounting        | Left and right                     |
| Blade Shaft Drive     | 1in / 2.5cm with 4in / 10cm arbors |
| Approx. Weight        | 1200lbs. / 544kg.                  |
| Drive Speed           | 0-240 FPM                          |
| Depth Control         | Mechanical                         |
| Arbor Size            | 1in / 2.5cm                        |
| Engine Manufacturer   | Kubota                             |
| Fuel Capacity         | 6.5 gallons / 25L                  |

| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |
| 26 x 2            | 66 x 5            |
| 30 x 3            | 76 x 7            |
| 32 x 3            | 81 x 7            |
| 36 x 3            | 91 x 7            |

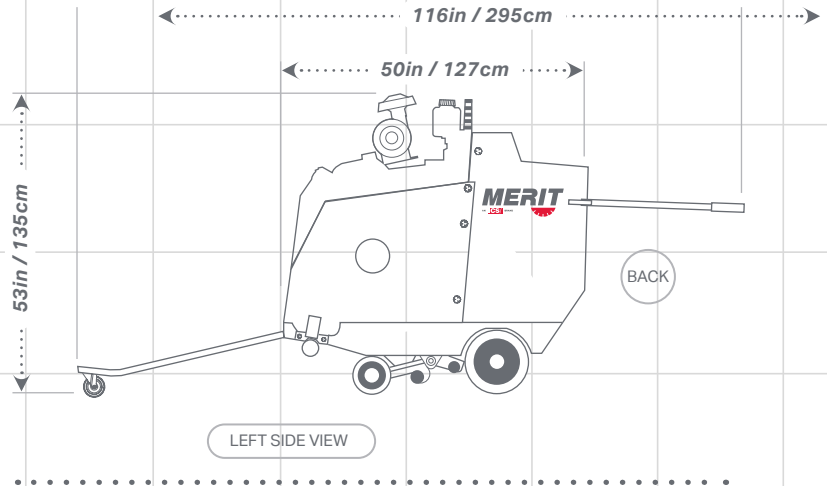
### 400 SERIES - 50HP - GAS - FRONT PIVOT - 1 SPEED

|                  |                                                                                                  |
|------------------|--------------------------------------------------------------------------------------------------|
| M400-50G-F1-1110 | M400, 50HP, GAS, FRONT PIVOT, 1 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |
| M400-50G-F1-2110 | M400, 50HP, GAS, FRONT PIVOT, 1 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |
| M400-50G-F1-1210 | M400, 50HP, GAS, FRONT PIVOT, 1 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |
| M400-50G-F1-2210 | M400, 50HP, GAS, FRONT PIVOT, 1 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |

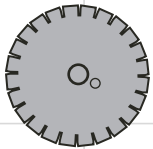
### 400 SERIES - 50HP - GAS - REAR PIVOT - 1 SPEED

|                  |                                                                                                 |
|------------------|-------------------------------------------------------------------------------------------------|
| M400-50G-R1-1110 | M400, 50HP, GAS, REAR PIVOT, 1 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |
| M400-50G-R1-2110 | M400, 50HP, GAS, REAR PIVOT, 1 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |
| M400-50G-R1-1210 | M400, 50HP, GAS, REAR PIVOT, 1 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |
| M400-50G-R1-2210 | M400, 50HP, GAS, REAR PIVOT, 1 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |

# FLAT SAWS

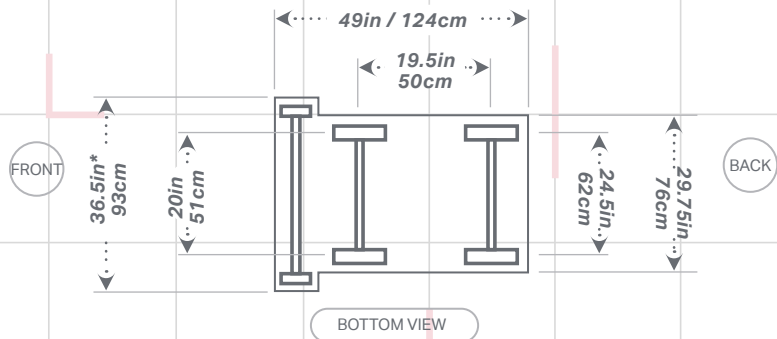


## M600SS-61G - GAS POWER



**14in - 42in**  
**35cm - 107cm**

**18.5in/47cm Max Cut**



\*35.875in / 91cm Standard  
34.625in / 88cm QD w/components  
32.375in / 82.25cm QD (Flush) w/components

## SPECIFICATIONS

|                                  |                                      |
|----------------------------------|--------------------------------------|
| <b>Raise &amp; Lower Control</b> | Button or standard                   |
| <b>Air Filter</b>                | 2 stage                              |
| <b>Blade Mounting</b>            | Left and right                       |
| <b>Blade Shaft Drive</b>         | 1in / 2.5cm or with 5in/ 13cm arbors |
| <b>Approx. Weight</b>            | 1500 lbs. / 680kg.                   |
| <b>Drive Speed</b>               | 0-240 FPM                            |
| <b>Depth Control</b>             | Mechanical                           |
| <b>Arbor Size</b>                | 1in / 2.5cm                          |
| <b>Engine Manufacturer</b>       | Kubota                               |
| <b>Fuel Capacity</b>             | 6.5 gallons / 24.5L                  |

| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |
| 26 x 2            | 66 x 5            |
| 30 x 3            | 76 x 7            |
| 32 x 3            | 81 x 7            |
| 36 x 3            | 91 x 7            |
| 42 x 3            | 107 x 7           |

## 600SS SERIES - 61HP - GAS - FRONT PIVOT - 4 SPEED

|                    |                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------|
| M600SS-61G-F4-1110 | M600SS, 61HP, GAS, FRONT PIVOT, 4 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |
| M600SS-61G-F4-1210 | M600SS, 61HP, GAS, FRONT PIVOT, 4 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |
| M600SS-61G-F4-2110 | M600SS, 61HP, GAS, FRONT PIVOT, 4 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |
| M600SS-61G-F4-2210 | M600SS, 61HP, GAS, FRONT PIVOT, 4 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |

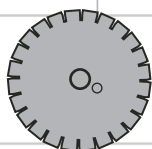
## 600SS SERIES - 61HP - GAS - REAR PIVOT - 4 SPEED

|                    |                                                                                                   |
|--------------------|---------------------------------------------------------------------------------------------------|
| M600SS-61G-R4-1110 | M600SS, 61HP, GAS, REAR PIVOT, 4 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |
| M600SS-61G-R4-1210 | M600SS, 61HP, GAS, REAR PIVOT, 4 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |
| M600SS-61G-R4-2110 | M600SS, 61HP, GAS, REAR PIVOT, 4 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |
| M600SS-61G-R4-2210 | M600SS, 61HP, GAS, REAR PIVOT, 4 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |

# FLAT SAWS

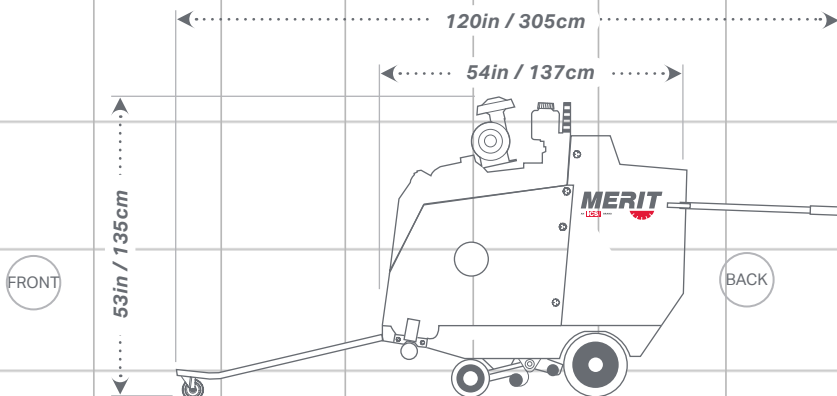


## M600EX-61G - GAS POWER

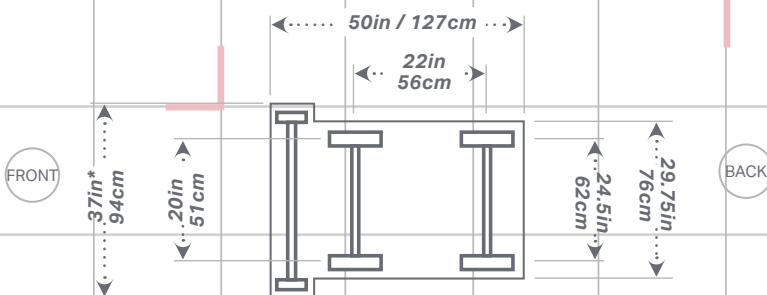


**14in - 48in**  
**35cm - 122cm**

**21.5in/55cm Max Cut**



LEFT SIDE VIEW



BOTTOM VIEW

\*36.625in / 93cm Standard  
35.425in / 90cm QD w/components  
33.125in / 84cm QD (Flush) w/components

### SPECIFICATIONS

**Raise & Lower Control**  
**Air Filter**  
**Blade Mounting**  
**Blade Shaft Drive**  
**Approx. Weight**  
**Drive Speed**  
**Depth Control**  
**Arbor Size**  
**Engine Manufacturer**  
**Fuel Capacity**

Button or standard  
N/A  
Left and right  
1in / 2.5cm or with 5in/ 13cm arbors  
1750lbs. / 794kg.  
0-240 FPM  
Mechanical  
1in / 2.5cm  
Kubota  
6.5 gallons / 25L

| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |
| 26 x 2            | 66 x 5            |
| 30 x 3            | 76 x 7            |
| 32 x 3            | 81 x 7            |
| 36 x 3            | 91 x 7            |
| 42 x 3            | 107 x 7           |
| 48 x 3            | 122 x 7           |

### 600EX SERIES - 61HP - GAS - FRONT PIVOT - 4 SPEED

|                    |                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------|
| M600EX-61G-F4-1110 | M600EX, 61HP, GAS, FRONT PIVOT, 4 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |
| M600EX-61G-F4-2110 | M600EX, 61HP, GAS, FRONT PIVOT, 4 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |
| M600EX-61G-F4-1210 | M600EX, 61HP, GAS, FRONT PIVOT, 4 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |
| M600EX-61G-F4-2210 | M600EX, 61HP, GAS, FRONT PIVOT, 4 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |

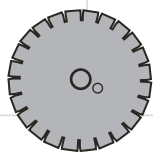
### 600EX SERIES - 61HP - GAS - REAR PIVOT - 4 SPEED

|                    |                                                                                                   |
|--------------------|---------------------------------------------------------------------------------------------------|
| M600EX-61G-R4-1110 | M600EX, 61HP, GAS, REAR PIVOT, 4 SPEED, STANDARD CONTROL, STANDARD BLADE MOUNT, LIGHT KIT         |
| M600EX-61G-R4-2110 | M600EX, 61HP, GAS, REAR PIVOT, 4 SPEED, BUTTON CONTROL, STANDARD BLADE MOUNT, LIGHT KIT           |
| M600EX-61G-R4-1210 | M600EX, 61HP, GAS, REAR PIVOT, 4 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT |
| M600EX-61G-R4-2210 | M600EX, 61HP, GAS, REAR PIVOT, 4 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT   |

# FLAT SAWS



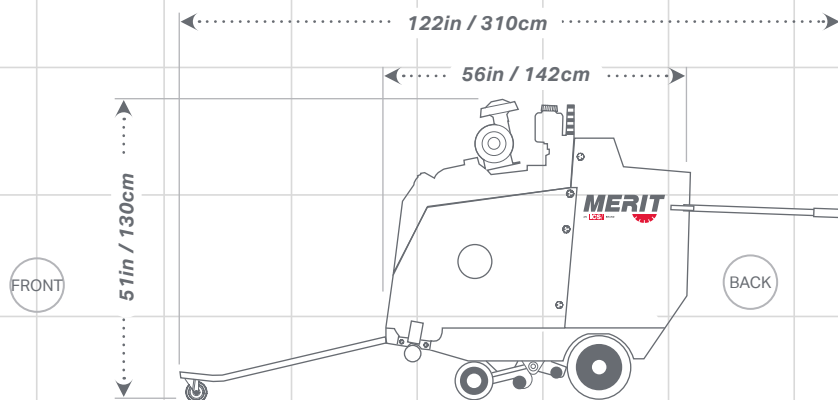
## M800EX-87G - GAS POWER



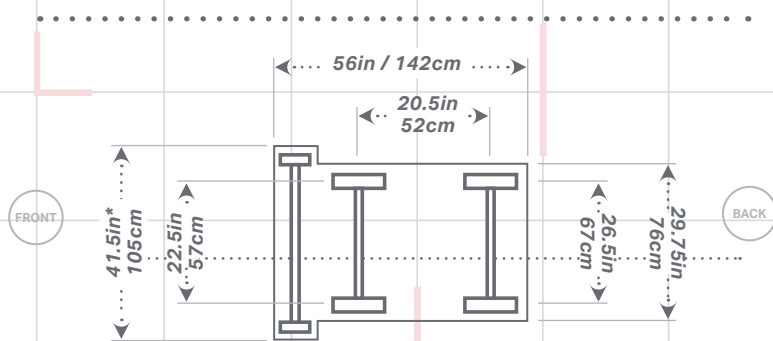
**14in - 48in**

**35cm - 122cm**

**21.5in / 55cm Max Cut**



LEFT SIDE VIEW



BOTTOM VIEW

\*41.500in / 105.5cm Standard  
40.300in / 102cm QD w/components  
38in / 96.5cm QD (Flush) w/components

## SPECIFICATIONS

|                                  |                                     |
|----------------------------------|-------------------------------------|
| <b>Raise &amp; Lower Control</b> | Button or standard                  |
| <b>Air Filter</b>                | 2 stage                             |
| <b>Blade Mounting</b>            | Left and right                      |
| <b>Blade Shaft Drive</b>         | 1in / 2.54cm with 6in / 15cm arbors |
| <b>Approx. Weight</b>            | 1900lbs. / 862kg.                   |
| <b>Drive Speed</b>               | 0-240 FPM                           |
| <b>Depth Control</b>             | Mechanical                          |
| <b>Arbor Size</b>                | 1in / 2.5cm                         |
| <b>Engine Manufacturer</b>       | Kubota                              |
| <b>Fuel Capacity</b>             | 8 gallons / 30L                     |

| BLADE GUARD<br>IN | BLADE GUARD<br>CM |
|-------------------|-------------------|
| 14 x 2            | 35.5 x 5          |
| 18 x 2            | 46 x 5            |
| 20 x 2            | 50 x 5            |
| 24 x 2            | 61 x 5            |
| 26 x 2            | 66 x 5            |
| 30 x 3            | 76 x 7            |
| 32 x 3            | 81 x 7            |
| 36 x 3            | 91 x 7            |
| 42 x 3            | 107 x 7           |
| 48 x 3            | 122 x 7           |

## 800EX SERIES - 87HP - GAS - FRONT & REAR PIVOT - 4 SPEED

| Part Number        | Description                                                                                         |
|--------------------|-----------------------------------------------------------------------------------------------------|
| M800EX-87G-R4-1210 | M800EX, 87HP, GAS, REAR PIVOT, 4 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT,  |
| M800EX-87G-R4-2210 | M800EX, 87HP, GAS, REAR PIVOT, 4 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT,    |
| M800EX-87G-F4-1210 | M800EX, 87HP, GAS, FRONT PIVOT, 4 SPEED, STANDARD CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT, |
| M800EX-87G-F4-2210 | M800EX, 87HP, GAS, FRONT PIVOT, 4 SPEED, BUTTON CONTROL, QUICK DISCONNECT BLADE MOUNT, LIGHT KIT,   |

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# MERIT ACCESSORIES

## Blade Guards

All blade guards are constructed from 12 gauge steel.



| BLADE GUARDS |                     |
|--------------|---------------------|
| Part Number  | Description         |
| 14IBG        | BLADE GUARD, 14 X 2 |
| 16IBG        | BLADE GUARD, 16 X 2 |
| 18IBG        | BLADE GUARD, 18 X 2 |
| 20IBG        | BLADE GUARD, 20 X 2 |
| 24IBG        | BLADE GUARD, 24 X 2 |
| 26IBG        | BLADE GUARD, 26 X 2 |
| 30IBG        | BLADE GUARD, 30 X 3 |
| 32IBG        | BLADE GUARD, 32 X 3 |
| 36IBG        | BLADE GUARD, 36 X 3 |
| 42IBG        | BLADE GUARD, 42 X 3 |
| 48IBG        | BLADE GUARD, 48 X 3 |
| 54IBG        | BLADE GUARD, 54 X 3 |
| 60IBG        | BLADE GUARD, 60 X 3 |



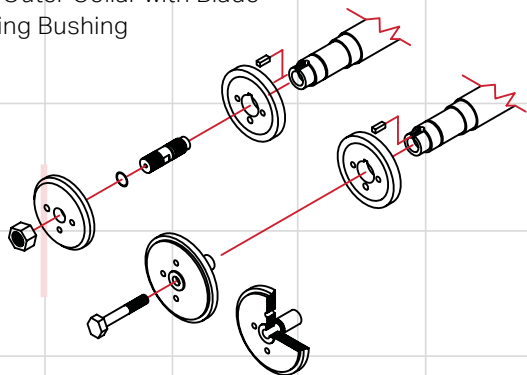
| Part Number | Description   |
|-------------|---------------|
| 21900       | LED LIGHT KIT |

# MERIT CONFIGURATIONS

## BLADE MOUNTING CONFIGURATIONS

### Cross Section View

Blade Outer Collar with Blade Stacking Bushing



### STANDARD

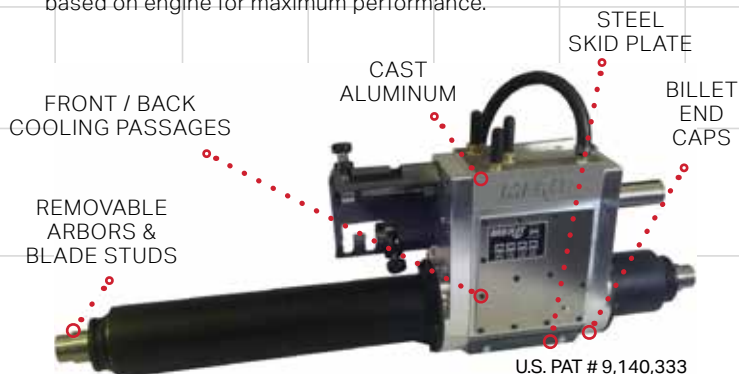
Recommended for large diameter blades (48in / 122cm and above). Compatible with blade arbor extensions for multiple blade cutting.

### QUICK DISCONNECT

Recommended for small to mid-size blades (42in / 107cm and smaller). Allows operator to quickly remove blade if caught in cut.

## MERIT 4-SPEED GEARBOX

Merit's patented 4-speed gearbox allows you to have superior control of RPM's for longer blade life and improved performance. RPM tuning based on engine for maximum performance.



Easily installed. Compatible with existing 3-speed flat saws.

Removable 1in / 2.5cm blade stud, should the threads become damaged.

Quick disconnect system for blade jams.

Easy maintenance. First oil change at 50 hours and every 100 hours thereafter.

Enclosed spindle in an oil bath.

Neutral control option (blade spin stop) for safety and maneuverability.

Stud extensions available for blade stacking and wider saw cutting.

Heat treated arbors for longer durability, extensions available in 2in / 5cm, 4in / 10cm and 5.5in / 14cm

## RAISE & LOWER CONTROL



HYDROELECTRIC  
MECHANICAL  
(Standard)



HYDROELECTRIC  
ELECTRONIC  
(Button)

### MEDIUM DUTY

350 TO 400 SERIES

### HEAVY DUTY

600 TO 800 SERIES

| RPM            | BLADE SIZE                 | GEAR | RPM              | BLADE SIZE                   |
|----------------|----------------------------|------|------------------|------------------------------|
| 1000<br>900*   | 32in - 36in<br>81cm - 91cm | 1    | 800              | 42in - 54in<br>107cm - 137cm |
| 1600<br>1350*  | 24in - 26in<br>61cm - 66cm | 2    | 1300             | 30in - 36in<br>76cm - 91cm   |
| 2400<br>2000*  | 16in - 20in<br>41cm - 50cm | 3    | 1900             | 18in - 26in<br>46cm - 66cm   |
| 3600<br>3000*  | 12in - 14in<br>30cm - 35cm | 4    | 2800             | 12in - 16in<br>30cm - 41cm   |
| *ELECTRIC ONLY |                            | +    | NEUTRAL POSITION |                              |

For more product support information,  
visit: <https://icsdiamondtools.com/customer-service-support/>

# POWER PACKS



**M300-23G-HPP**



## SPECIFICATIONS

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Dimensions          | 36in h, 21in w, 29in l / 91cm h, 53cm w, 74cm, l |
| Oil Flow            | 12 GPM at 2,300                                  |
| Pressure            | 2300 PSI                                         |
| Oil Reservoir       | 8 gallons / 30L steel reservoir                  |
| Weight              | 450lbs. / 204kg.                                 |
| Fuel Capacity       | 4 gallon /15L steel fuel tank                    |
| Engine Manufacturer | Kohler                                           |
| Cooling System      | Air to oil and water to oil cooling systems      |

| Part Number  | Description                            |
|--------------|----------------------------------------|
| M300-23G-HPP | POWER PACK, HYDRAULIC, 23.5HP, 8-16GPM |



## SPECIFICATIONS

|                     |                                                  |
|---------------------|--------------------------------------------------|
| Dimensions          | 36in h, 23in w, 29in l / 91cm h, 58cm w, 75cm, l |
| Capacity            | 5gpm/ 19lpm   8gpm/30lpm                         |
| Pressure            | 2500 PSI                                         |
| Hydraulic Reservoir | 3 gallons / 11L                                  |
| Weight              | 330lbs. / 150kg.                                 |
| Fuel Capacity       | 5.5 gallon /21L                                  |
| Engine Manufacturer | Briggs & Stratton 18hp                           |

| Part Number | Description   |
|-------------|---------------|
| 599653      | P95 POWERPACK |

# ICS/MERIT SALES TEAM

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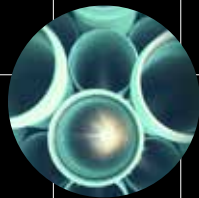
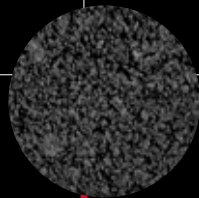
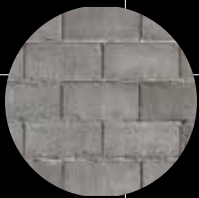
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**4909 SE INTERNATIONAL WAY**  
**PORTLAND, OR 97222**

**800.321.1240**

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