

GUILLOTINE Saw



Famous "Wachs Saw" is used around the world



Unique elliptical stroke for extended blade life



Goliath Saw shown on large diameter conductor

Fast Setup & Cutting, Horizontal or Vertical

E.H. Wachs family of portable Guillotine® pipe saws are designed to cold cut 2in - 32in (DN 50-800) pipe, as well as solids such as bar stock, rails and beams. Their compact design and easy setup make it the ideal saw for contractors, pipeline operations, refineries, petrochemical and processing plants and anywhere a fast, safe cut is needed.

In use virtually everywhere, Wachs Guillotine reciprocating saws are strong yet light, simple to mount, simple to operate and simply bulletproof. It's no wonder that when pipe saws are first mentioned, the "Wachs Saw" is mentioned first.



GUILLOTINE Saw

Super C, Model D, Super D, Goliath

- Rugged yet compact design requires minimal clearances
- Four models cut from 2in - 32in (DN 50-800)
- Fast setup and cutting, both horizontally or vertically
- Pneumatic, hydraulic and electric drive options
- Optional autofeed and autoclamping on select models

Easy Setup, Vertical or Horizontal

A chain pipe vise clamps the Guillotine Saw to the pipe. The machined cast iron "V"-saddle base assures square cuts at right angles. It can be mounted on horizontal as well as vertical piping. Custom bases for unusual workpiece shapes such as I beams available by special order.

Quick Cold Cuts, Minimal Clearance

Wachs Guillotine saws require minimal clearance (the model Super C needs as little as 1.5in (38.1mm) on one side of the pipe). All models feature finger tip feed control. The pipe is cold cut in a matter of minutes. A 6in (152.4mm) standard wall steel pipe is cut in only 6 minutes. A 16in (406.4mm) diameter 0.5in (12.7mm) wall steel pipe is cut in about 20 minutes.

Portable, Rugged Design

The Guillotine Saws combine compact size and light weight with simple, rugged construction for ease of operation and low maintenance.

Long Blade Life

The high-speed steel blades are easily changed. The unique Guillotine cutting action lifts the blade from the cut on the return stroke, extending blade life.

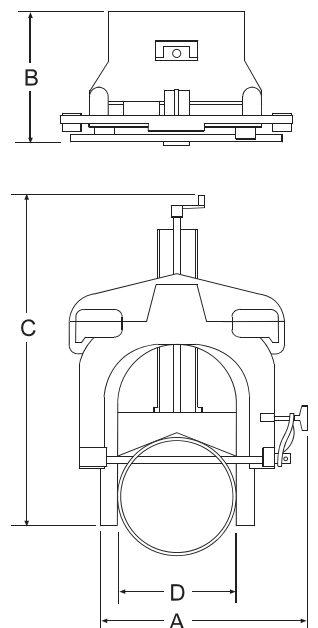


Guillotine Super C



Elliptical cutting action, long blade life

| DIMENSIONS | SUPER C | MODEL D | SUPER D | GOLIATH |
|---------------------------------|--|--|-------------------------|-------------------------|
| Machine capacity | 2-12in (DN 50-300) | 6-18in (DN 150-450) | 10-24in (DN 250-600) | 16-32in (DN 400-800) |
| Solids through | 12.75in (324mm) | 18.625in (473mm) | 24.5in (622mm) | 33in (838mm) |
| Clearance overall width | 28in (711mm) | 32in (813mm) | 39in (991mm) | 66in (1.676mm) |
| Clearance on one side min. | 2.5in (63.5mm) | 3in (76mm) | 3in (76mm) | 66in (1.676mm) |
| Operating Weight | 115lb (52kg) | 340lb (154kg) | 515lb (234kg) | 1800lb (816.5kg) |
| Shipping Weight | 180lb (82kg) | 415lb (188kg) | 620lb (281kg) | 1800lb (816.5kg) |
| Dimension A | 23.5in (596,9mm) | 31.25in (794mm) | 38.25in (972 mm) | 66in (1676.4mm) |
| Dimension B | 12.75in (323,85mm) | 14.5in (368mm) | 14.5in (368mm) | 25in (635mm) |
| Dimension C | 31.5in (800mm) | 37in (940mm) | 44in (1118mm) | 76.5in (1943mm) |
| Dimension D | 13.25in (337mm) | 18.75in (476mm) | 24.75in (629mm) | 33in (838mm) |
| Stroke | 2in (51mm) | 2in (51mm) | 4in (102mm) | |
| Shipping dimensions (estimated) | 26in x 29in x 22in (66cm x 74cm x 56cm) | 63in x 47in x 29in (160cm x 119cm x 74cm) | CALL | CALL |



GUILLOTINE Specifications

Specifications

Drive options: Pneumatic or hydraulic (Goliath hydraulic drive only)

Pneumatic drive: 50 cfm at 85 psi (1.4 m³/min at 5.0 BAR)

Electric drive: 15 A, 110 or 220 Volt single phase

Hydraulic drive: 10gal/min at 1500 psi (38 l/min at 106 BAR)

Controls: Single crank, manual feed. Motor on-off.

Lubrication: Grease fittings at all wear points

Finish: Powder coat frame with zinc coated bow

Standard Equipment

- Drive motor (pneumatic or hydraulic)
- 1 Standard saw blade
- Wrench 1 1/4in (31.75mm)
- Air lubricator and filter (Air Model)
- Steel storage case (Model C and D only)
- Lifting eyes (Model D and Super D)
- Mounting chains
- Manual

Optional Equipment

- Blades: HSS and carbide blades (depending on the machine version)
- Control Panel for remote operation
- Autoclamp mechanism
- Autofeed mechanism
- Custom mounting bases

Guillotine Saw Kits

| DESCRIPTION | PIPE OD | PART # |
|--|----------------------|-------------|
| Super C Pneumatic | 2-12in (DN 50-300) | 24-000-02 |
| Super C Hydraulic | 2-12in (DN 50-300) | 24-000-03 |
| Super C Autoclamp Hydraulic | 2-12in (DN 50-300) | P06-150-502 |
| Super C Autoclamp & Autofeed Hydraulic | 2-12in (DN 50-300) | P06-150-500 |
| Model D Pneumatic | 6-18in (DN 150-457) | 04-000-02 |
| Model D Hydraulic | 6-18in (DN 150-457) | 04-000-03 |
| Super D Pneumatic | 10-24in (DN 250-610) | 25-000-01 |
| Super D Hydraulic | 10-24in (DN 250-610) | 25-000-03 |
| Super D Autoclamp Hydraulic | 10-24in (DN 250-610) | P06-150-512 |
| Super D Autoclamp & Autofeed Hydraulic | 10-24in (DN 250-610) | P06-150-510 |
| Goliath Hydraulic | 16-32in (DN 400-800) | P06-150-523 |
| Goliath Autoclamp Hydraulic | 16-32in (DN 400-800) | P06-150-522 |
| Goliath Autoclamp & Autofeed Hydraulic | 16-32in (DN 400-800) | P06-150-520 |



Guillotine cutting pipe



Guillotine Goliath cutting powerplant turbine shaft



Cuts a wide variety of materials



Field proven performance

Miscellaneous Accessories & Spare Parts

| DESCRIPTION | MODEL COMPATIBILITY | | | | PART # |
|---|---------------------|---------|---------|---------|-----------|
| | MODEL C | SUPER C | MODEL D | SUPER D | |
| Air motor conversion (replaces all obsolete motors) | x | | | | 03-414-00 |
| Lubricator retrofit kit | x | x | x | x | 03-500-10 |
| Spare parts kit | x | x | | | 03-500-01 |
| Spare parts kit | | | x | | 04-500-01 |
| Spare parts kit | | | | x | 25-500-01 |
| Manual - Electronic version via e-mail available free upon request. | | | | | 03-MAN-01 |

Hydraulic Power Units

For available Hydraulic Power Unit options, see page 74.

Cutting Lubrication

Water soluble, biodegradable, non-hazardous, fully synthetic cooling fluid that extends the tooling life

| DESCRIPTION | VERSION | WEIGHT | PART # |
|---|--------------------------|----------------|---------------|
| Cutting lubrication KSS-TOP | Pump sprayer with 500 ml | 1.39lb (630 g) | 0T790.060.226 |
| Cutting lubrication KSS-TOP refill canister | Canister with 10 l | 24.25lb (11kg) | 0T790.060.227 |










Diesel Powered
HPU Hydraulic Power Unit



Cutting Lubrication KSS Top

Saw Blades

| PROFILE | DESCRIPTION | APPLICATION | PART # |
|---|--|---|-------------|
|  | Model C HSS standard blade | For general use | 03-405-00 |
|  | Model Super C standard blade - general use | Carbon steel pipe, stainless steel and other high alloy materials | 24-405-00 |
|  | Model Super C carbide blade | Cast, ductile and concreted lined pipe | 24-405-01 |
|  | Model D HSS standard blade | Carbon steel pipe, stainless steel and other high alloy materials | 04-402-00 |
|  | Model D carbide blade | Cast, ductile and concreted lined pipe | 04-405-01 |
|  | Model Super D heavy duty blade | Carbon steel pipe, stainless steel and other high alloy materials | 25-402-00 |
|  | Goliath heavy duty blade | For general use | P06-150-701 |