

PRIME GATED SHEAR CUTTER 16

UP TO 20" CUT
STEEL OR CONCRETE
TOP SIDE OR SUBSEA CUTTING



Description

The Model 16 Prime Cutter is a hydraulic gated shear used to cut steel pipes and concrete piles up to 20" diameter.

This cutting tool can be utilized both above and below water and configured to cut at any angle or direction. The patented design utilizes a hydraulic gate to close around the member being cut or crushed. Crushers are designed for exposing steel strands in concrete piles up to 16".

Typical Operations

- Cutting Steel Pipes
- Cutting Concrete Piles
- Crushing Concrete Piles

Features

- Cutting Option
- Crushing Option
- Hydraulic Gate
- Top side or Subsea

SPECIFICATIONS

PRIME GATED SHEAR CUTTER 16

General Technical Specifications

Type	Cutting Tool
Dimensions L x W x H	2140 mm x 1120 mm x 790 mm
Weight in air	1140 Kg
Main Hydraulic Cylinders	20,3 cm
Force applied by Main Cylinder (each)	796 kN

Blade Circuit

Max Operating Pressure	240 Bar
Max Operating Flow	510 L/min

Pin Circuit

Max Operating Pressure	100 Bar
Max Operating Flow	75 L/min

Gate Circuit

Max Operating Pressure	190 Bar
Max Operating Flow	75 L/min

Recommended Additional Equipment:

HPU Cummins M11

Output power	246 kW
Diesel Engine Idle Speed	800 RPM
Diesel Engine Max Speed	2100 RPM
Max Operating Pressure	379 Bar
Max Operating Flow	530 L/min

Hydraulic Hose Reel Ø52"

6 Hose Umbilical	
8 Function Slip Ring	
Capacity	210 m
Max Operating Pressure	345 Bar



HPU Cummins M11



Hydraulic Hose Reel Ø52"