

Circular Disc Cutting Tool

The HLK-33600 is a self-contained grab, feed and cut unit using a 335mm cutting disk and facilitates cutting of steel pipe, cable or grout hose of diameters up to 110mm.

When used with light duty work class vehicle types, the tool can be mounted to a slew bracket similar to that used on a manipulator or camera boom product, or can be held in a manipulator when operated on larger work class vehicle types.



Features

- Self-contained grab, feed and cut unit
- Capable of cutting pipe, cable or grout hose
- Up to 110mm cutting capacity
- Can be mounted via a slew bracket or held in a manipulator via a suitable handle
- Can accommodate any types of cutting discs up to 355mm in diameter (Bonded abrasive, steel etc.)

Technical Specifications

General

Materials	316 Stainless Steel
Product Finish	Painted
Ports	1/8" & 1/4" BSPP (ISO 1179)
Dimensions	(L) 586mm x (H) 458mm x (W) 220mm (23" x 18" x 8.7")
Weight in Air	15kg (33lb)
Weight in Water	13kg (28.6lb)
Jaw Opening	110mm (4.3")
Cutting Disc Size	355mm (14")

Hydraulic Performance

Max. Working Pressure	140bar (2000psi)
Maximum Feed Pressure	20bar (290psi)
Flow	Cylinder = 0.5-2lpm (0.13gpm to 0.53gpm) Motor = 1.7-16lpm (0.45-4.23gpm)
Fluid Type	Mineral: DIN 51524, ISO 11158, ISO 6743-4 Synthetic: Panolin Atlantis, HLP-Synth
Viscosity	16cSt to 220cSt. VG 22-32 Recommended
Fluid Temperature	5-60°C (41-140°F)
Cleanliness Requirements	ISO 4406:19/17/14, NAS 1638:8, AS4059:9A/8B/8C

Cutting Performance

Cutting Disc Speed	30-600rpm = 1.7-20lpm (0.45-5.28gpm)
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Environmental

Operational Depth	6000msw (19,680ft)
Operating Temperature	5-60°C (41-140°F)
Storage Temperature	0-70°C (32-158°F)
Humidity	0% to 100% Condensing

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SPECIFICATIONS MAY CHANGE WITHOUT PRIOR NOTICE AND ARE SUBJECT TO SYSTEM CONFIGURATION