



Description / name of special machine

Special hydraulic cylinder

Function / job

Operates the tilting table in a cutting machine

Special features

Choke and solenoid valves cycle the oil column through the line network and so ensure cleaning via the unit's oil filter. The built-in sealing system is rated for a heavy-duty 3-shift application. Even if the so-called "Diesel" effect occurs, the sealing and guide system can handle it. A tappet built into the cylinder head controls the end position of the piston.

Technical data

Diameter	100 / 140 mm
Stroke	1700 mm
Operating pressure	250 bar
Testing pressure	350 bar

Customer

Hebel Emmering GmbH & Co	Hebel Wittenborn GmbH
Gerhard & Rauch GmbH	Hebel Porz GmbH

Realization period / year

1997 to March 1998

Ident No.	Month / year
502 0 502 DB	03/98