



**Description / name of special machine**

Turning station with test unit

**Function / job**

Automatic turning of engine blocks with 3 and 4 cylinders; testing of reference bores in motor unit

**Special features**

Robust welded frame. Vertical slide (Z-axis) and horizontal slide (X-axis) with circulating ball elements. Hydraulic slide drive with adjustable limit stops. Float element horizontal, flanged underneath x-axis. Swivel axle (D-axis) driven hydraulically by means of two cylinders. Grab unit with 2 pneumatic grabs. Test slide with 2 scan pins.

**Technical data**

Z-axis lift approx.:	600 mm
X-axis lift approx.:	300 mm
D-axis:	0-90°
Load-carrying capacity:	400 N (work piece weight)
Compressed air:	6 bar
Hydraulic system max.:	100 bar

**Customer**

EX-CELL-O GmbH Eislingen/Fils, DaimlerChrysler

**Realization period / year**

April 2002

Ident No.	Month / year
502 6 828 DB	04/2002