

NEW C.B. Ferrari "ML 45"

THE COMPACT HIGHLY DYNAMIC MILLING SOLUTION

KEY FEATURES

- **5 linear and torque axes**
- **Easy access for parts loading**
- **Extremely rigid**
- **40000 rpm electrospindle with the HSK E40 taper**
- **60 m/min. feed and rapids**

FOR SMALL COMPLEX PARTS



Electrodes



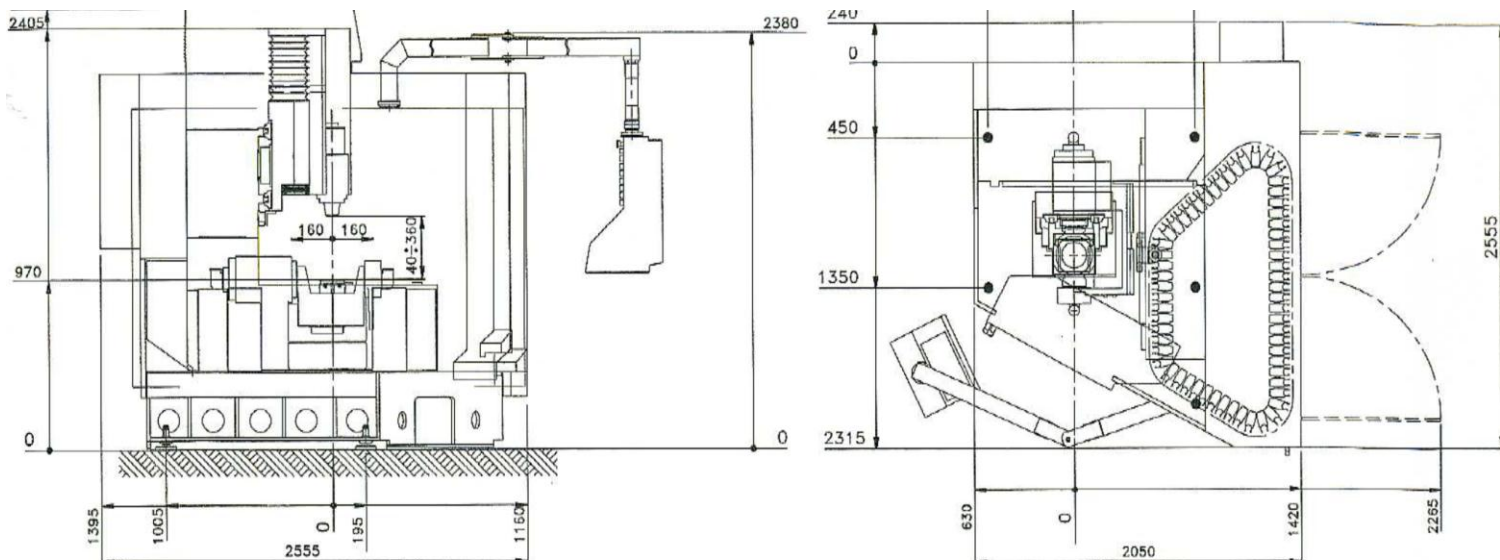
Impellers



Dental parts



Medical parts



ML45 TECHNICAL SPECIFICATIONS

SLIDE TRAVELS

Longitudinals	X	mm (inch)	420 (16,5)
Cross	Y	mm (inch)	320 (12,6)
Vertical	Z	mm (inch)	320 (12,6)
Rotary	C	°	360
Swiveling	B	°	+/- 90

AXES FEEDS

Linear axes	X Y Z	m/min (ipm)	60 (2,666)
Rotary axes	C B	°/min (Rpm)	72000 (200)

WORKING RANGE

Max piece dimensions	mm (inch)	Ø 280x200 (Ø 11x7,8)
Max workpiece mass	Kg (lbs)	20 (44)

TOOLS MAGAZINE

Chain type with double gripper	Nr.	56 Positions
Tool changing time	s	5

MACHINE WEIGHT:

Kg (lbs) 4500 (9900)

ELECTROSPINDLE HEADS

30000 rpm	HSK E40/ISO 30	25,5/32,5 KW	18/23 Nm
40000 rpm	HSK E40	11/15 KW	5/7 Nm

AVAILABLE WITH CNC: SIEMENS 840D SL / ELEXA E580 / HEIDENHAIN iTNC530