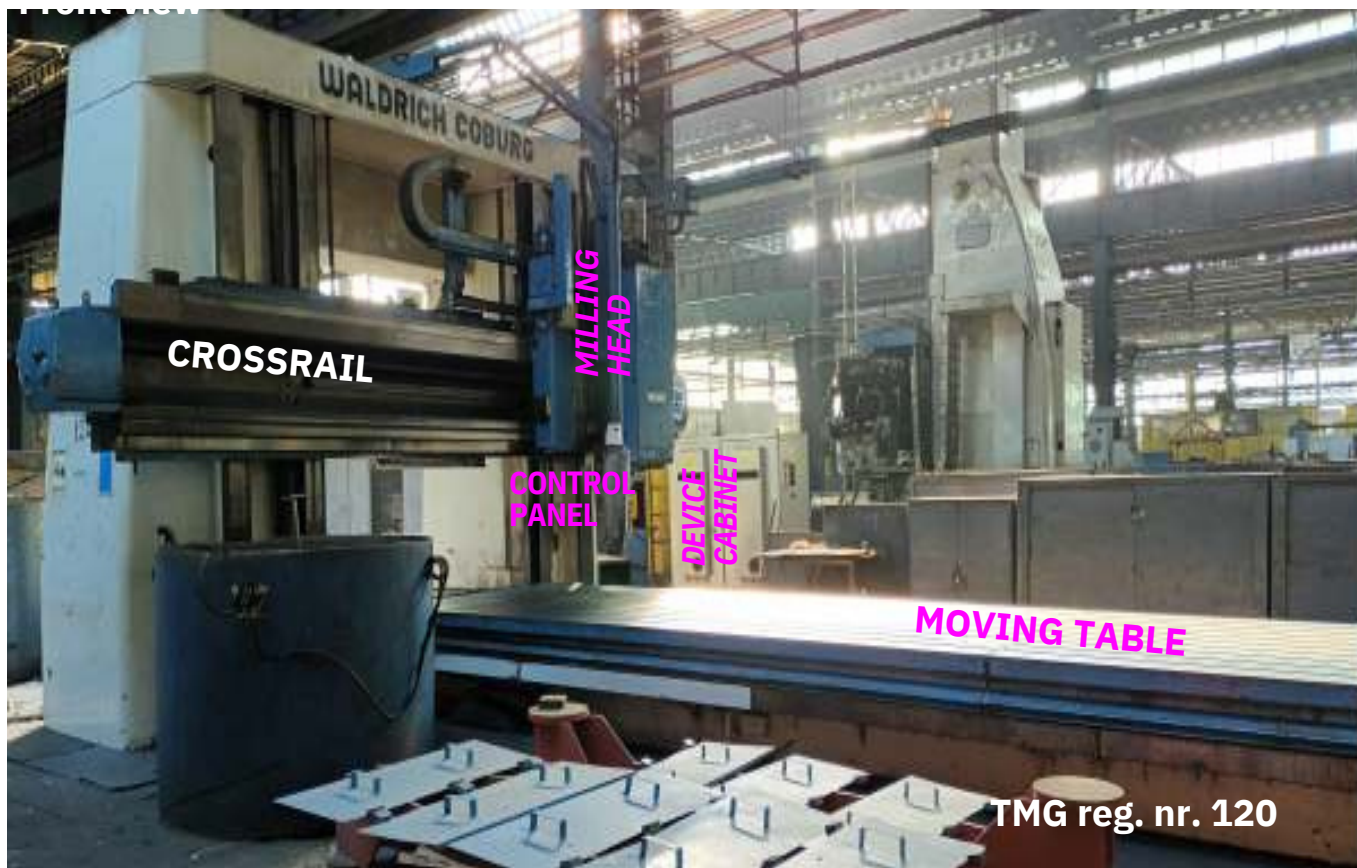


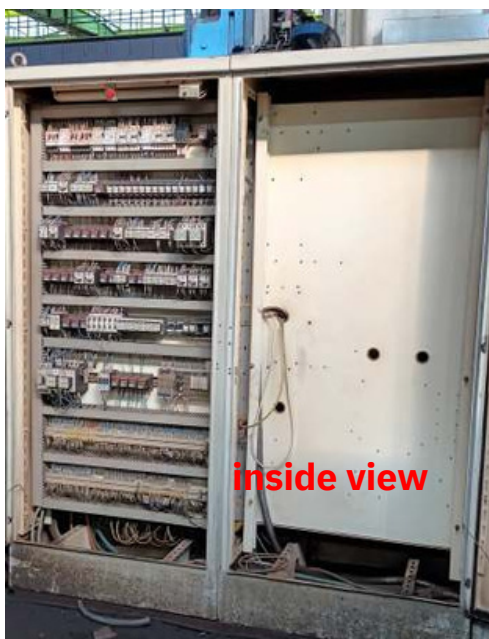
Plano Milling Machine WALDRICH-COBURG type 16-21F200=NC-TNC124 (3 positioning axes)

TMG reg. nr. 120



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NC Positioning Axes :

X _Table travel: 10400mm

Y _Milling Head - Saddle on CrossRail travel: 2540mm

Z _Milling Head Ram vertical travel: 700mm

Feed Range:

X : 1-

1500mm/min

Y : 1- 1500mm/min

Z : 1- 200mm/min

Rapid Axes Feed:

X : max. 2000mm/min

Y :max. 1800mm/min

Z : max. 400mm/min

Milling Spindle Range:

1 : 1 - 56rpm

2 : 18 - 140rpm

3 : 45 - 230rpm

4 : 75 - 710rpm

Moving Table Load: max. 24500Kg (uniform distribution on table surface)

Moving Table total surface: (400+10000+400)x2000mm

Moving Table active surface: 10000x2000mm

Distance between Columns: 2400mm

Machine weight : aprox. 70000Kg

ACCESSORIES:

- 4pos. at 90degree Milling Head (see page 1/3 on Table)

Machine was retrofited in 2005 by TMG sa :

- TNC 124 Positioning Numeric Control HEIDENHAIN
(controled axes :X, Y, Z)

- 2x1FT5 SIEMENS feed axes motors (Y, Z)

- 2x1FT6 SIEMENS feed axis motor (X)

- 1PH7 SIEMENS 37KW spindle motor (S)

- SIEMENS Drive SIMODRIVE 611A for axes and spindle motors