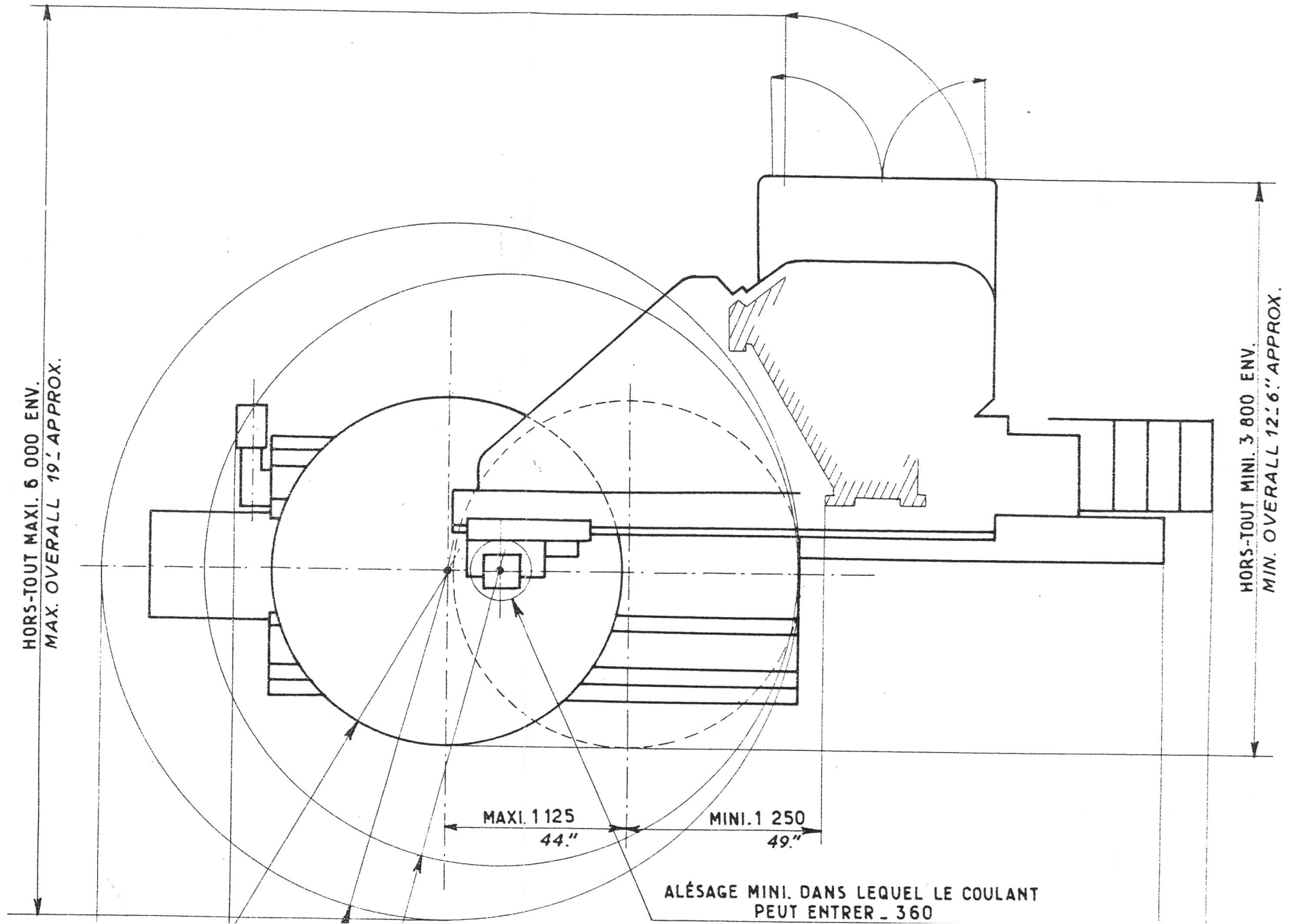
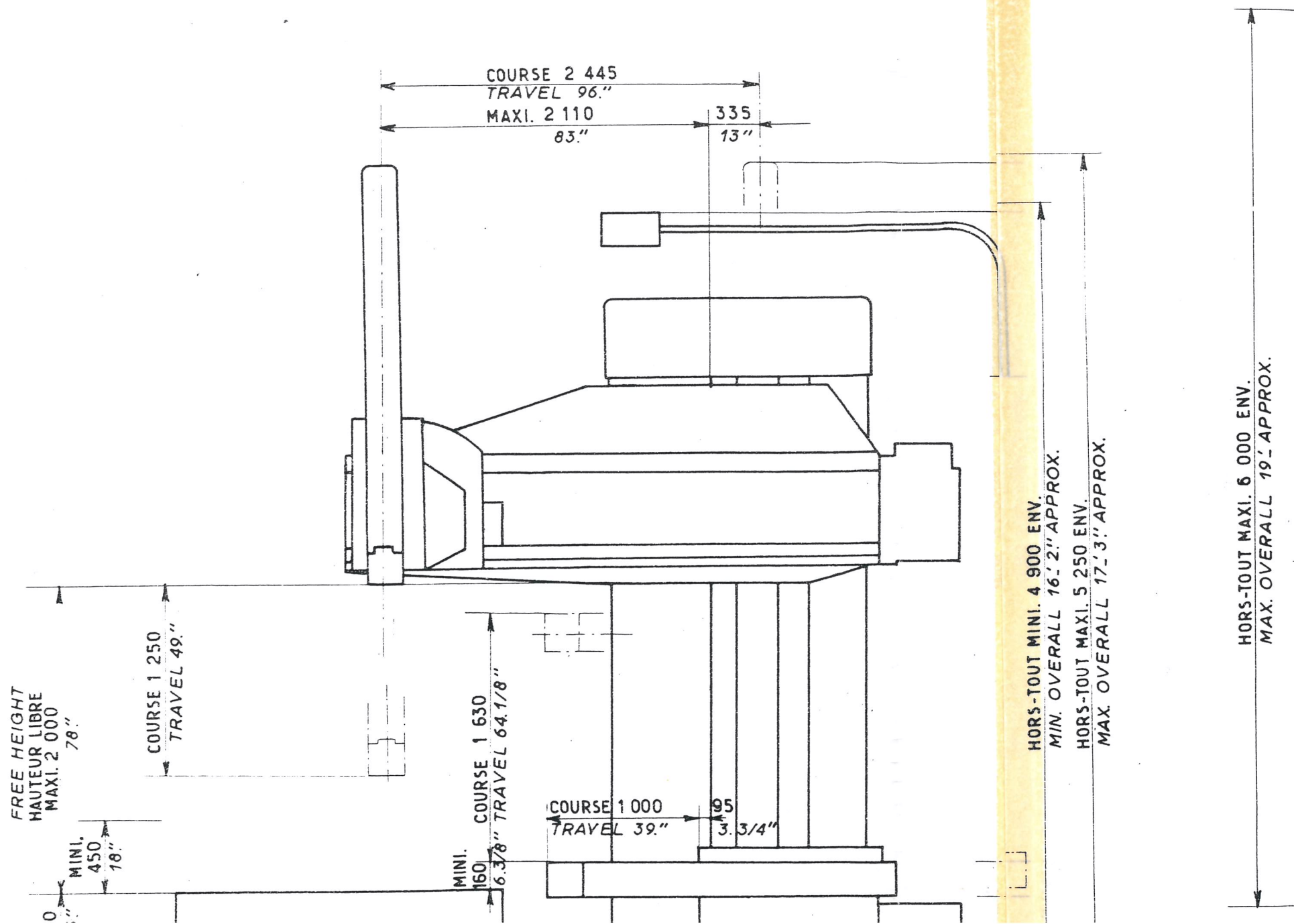


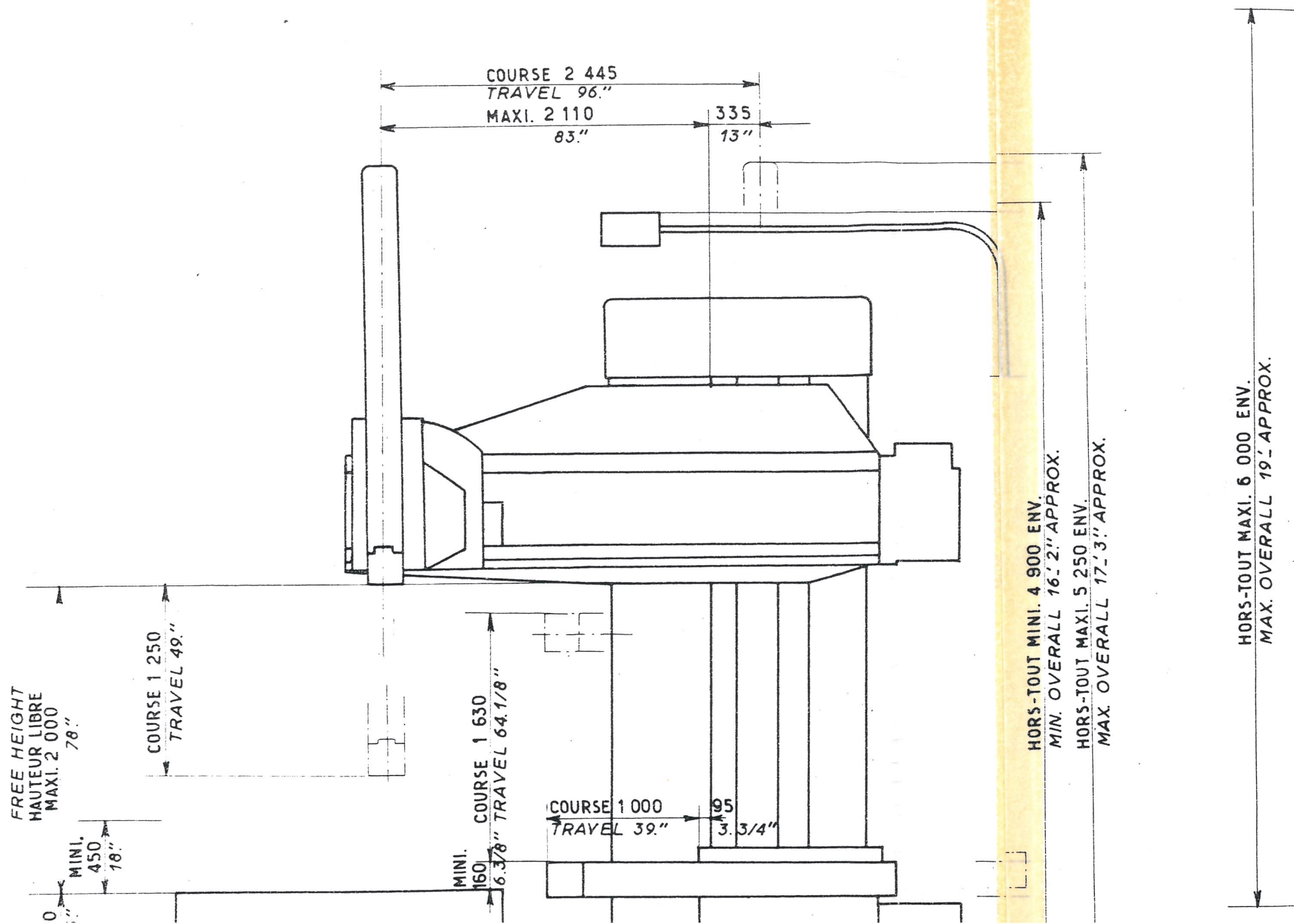
MIN. OVERALL 16'-2" APPROX.
HORS-TOUT MAXI. 5 250 ENV.
MAX OVERALL 17'-3" APPROX.



BERTHIEZ



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INSTRUCTIONS FOR USE AND MAINTENANCE

VERTICAL BORING AND TURNING MILL

Type BM. 225

BERTHIEZ system

Séries MH.

BERTHIEZI - CHARACTERISTICS OF THE MACHINEType BM. 225

(Normal machine with one carriage on arm, of ram type)

- Diameter of table	2.250 mm
- Maximum diameter admitted	4.500 mm
- Diameter to be turned to centre	4.000 mm
- Maximum height available under the arm	2.000 mm
- Vertical travel of ram of toolhead on arm	1.250 mm
- Swivel of the toolhead on arm, either side of the vertical	45° and 30°
- Horizontal travel of ram of side toolhead	1.000 mm
- Continuous range of table speeds	
(X) { - normal range, from	0,8 to 80 r.p.m.
{ - high speed range, from	1 to 100 r.p.m.
{ - extra-high speed range, from	1,25 to 125 r.p.m.
- Number of feeds	23
- Range of feeds, in mm per rev.	
	0,05 - 0,06 - 0,08 - 0,1 - 0,125 - 0,16 - 0,20 - 0,25 - 0,3 - 0,4 -
	0,5 - 0,6 - 0,8 - 1 - 1,25 - 1,6 - 2 - 2,5 - 3,15 - 4 - 5 - 6,3 - 8.
- Rapid-travel tool-holder speed	1.120 mm/mn
- Arm travel speed	380 mm/mn.
- Table-housing travel speed	380 mm/mn
- Nominal motor power ratings	