

## 2. KAPATIZAETEN / CAPACITE / CAPACITY

### 2.1 Gesamtansicht der Maschine Vue générale de la machine General view of the machine

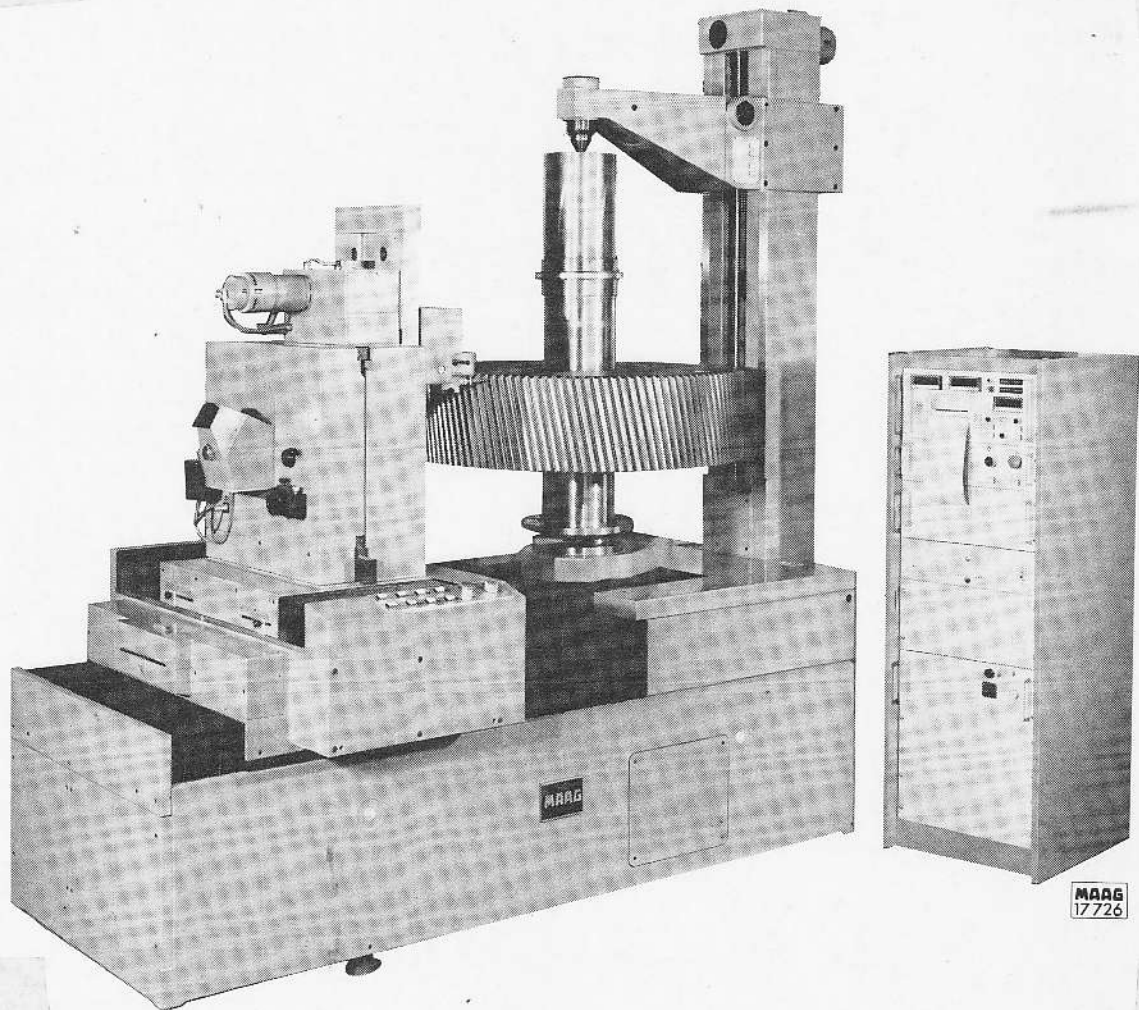


Abb. 2/1: Ansicht der Maschine (Bedienungsseite)

Fig. 2/1: Vue de la machine (côté manoeuvres)

Fig. 2/1: General view of the machine (operating side)

MAAG-Zahnradmessmaschine Typ SP-130

Machine MAAG à contrôler les engrenages type SP-130

MAAG Gear Measuring Machine Type SP-130

**MAAG**

Dr. G. / 104 / 105

TBM

SP - 130

107 015 / 01 01

## 2.2 Capacity

		mm	in.
A	Outside diameter, max.	$d_a$	1300 51 1/4
	Base circle diameter, infinitely variable	$d_b$	50-1200 1.97-47.25
	Module/Diametral pitch	$m$	0.5-25 50-1 DP
	Helix angle	$\beta_b$	0°-45°
B	Facewidth, measurable without re-setting, max. (of spur gears)	$b$	350 13 3/4
V	Additional vertical adjustment of measuring slide		520 20 1/2
M	Total vertical measuring range		870 34 1/4
	Total vertical measuring range, with special feeler extension "T"		1200 47 1/4
	Max. feeler displacement		± 125 ± 4.85
	Max. cross-slide travel		± 125 ± 4.85
H	Max. distance between centres with Vertical Support I		185/1300 7.16/51 1/4
	II		185/1800 7.16/70 7/8
	Max. permissible weight of set-up kg/lbs		3000 6600
	Max. scanning range for tooth trace inspection in relation to helix angle		

$\beta_b$

$\beta_b$	B		I		V		M	
	mm	in.	mm	in.	mm	in.	mm	in.
0°	350	13.8	50	2.0	520	20.5	870	34.3
15°	338	13.3	56	2.2	520	20.5	858	33.8
30°	302	11.9	74	2.9	520	20.5	822	32.4
45°	248	9.8	101	4.0	520	20.5	768	30.3

### Machine settings

Base circle (optical scale) to 0.001 mm (or .0001 in.)

Helix angle (optical scale) to 1 angular second

Error magnification (electronic) 250-, 500-, 1000- and 2000 : 1

Chart length scale (electronic) 1 : 2, 1 : 1, 2 : 1, 4 : 1, 8 : 1

Mains rating

700 VA

MAAG Gear Measuring Machine Type SP-130 - TECHNICAL DATA

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By /hs

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