

teco – werkzeugmaschinen gmbh & co kg

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Subject to prior sale and our delivery conditions we can offer:

Stock-No 6196

GLEASON NO 118 1964 S/N 629520

HYPOID GEAR GENERATOR

Condition: good

The No. 118 is a completely automatic high speed machine for cutting spiral bevel, Zerol bevel and hypoid gears up to 18" in diameter at 10:1 ratio, and a maximum of 2 diametral pitch. Extreme flexibility of arrangements is one of the major advantages offered by this generator. The No 118 is arranged for cutting non-generated ring gears by the fast Formate Single Cycle and Cyclex methods and for single-roll generating of gears and pinions. Accordingly, this generator makes it possible to produce Formate gears and pinions on a single machine (roughing & finishing). The No. 118 hypoid generator offers many other advantages: improved quality of product, increased production rates, longer cutter life, easier setup and operation, and simplified development of tooth bearing.

CAPACITY:

Coarsest diametral pitch.....	2	or	12.7 Module
Max cone distance, (30° spiral angle 12" cutter).....	9"	or	229 mm
Work head angle			-12° to 90°
Extreme ratio.....			Any practical ratio
Min ratio for pinions to operate with formate gears			2 to 1
Max gear pitch diameter (30° spiral angle)			
10:1 ratio.....	18"	or	457 mm
2:1 ratio.....	16"	or	406 mm
1:1 ratio.....	12.75"	or	323 mm
Max face width.....	2.75"	or	70 mm
Number of teeth.....			5 - 150

WORK SPINDLE:

Diameter of taper hole at large end.....	3 29/32"	or	99,218 mm
Taper per foot.....	39/64"	or	15,478 mm
Depth of taper.....	6"	or	152,4 mm
Diameter of hole through spindle.....	3 1/16"	or	77,79 mm
Diameter of spindle nose.....	5 1/2"	or	139,7 mm
DIAMETERS OF CUTTERS.....	5", 6", 7.5", 9" & 12" (127-304,8mm)		

WORK HEAD SETTINGS:

Max offset above and under centre.....	4.5"	or	114,3 mm
Distance machine centre to nose of spindle:			
Max.....	13.5"	or	342,9 mm
Min.....	2.5"	or	63,5 mm

SPEEDS & FEEDS:

Cutter speeds.....	17 - 115 rpm
Feeds (seconds per tooth).....	9 – 80

ELECTRICAL EQUIPMENT:

Feed motor.....	5 HP @ 1500 rpm
Hydraulic motor.....	0.75 HP @ 1500 rpm
Coolant motor.....	0.5 HP @ 3000 rpm

APPROXIMATE NETT WEIGHT.....

Floor space approx.	10760 kg 1,90 x 2,90 m
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Complete with:

Hydraulic chucking.	Coolant.
Fitted with 'CYCLEX' cutting arrangement.	Magnetic chip conveyor.
One set of gears to cut one gear	Electrics 380, 3, 50. (Dual wired)
Hydraulic work spindle clamps	METRIC machine

Price:

€ _____,-

Ex our warehouse, unpacked, uninsured, f. o. t..

teco-werkzeugmaschinen GmbH & Co KG