











Machine Id	:- 1086	Serial No	:-
Category	:- Gear Shavers	Model	:- GS 16 ...420MM
Country	:- United Kingdom	Make	:- churchill
Type of Machine	:- gear shaver universal	Year	:-
Weight	:- 0.0	Dimensions	:-
Power	:-	Location	:-

Specification :-

CHURCHILL UNIVERSAL GEAR SHAVING MACHINE GS 16

TECHNICAL INFORMATION :

WORK

Maximum O. D. 420mm.

Pitch 4 To 16 D. P. 6 To 1.75 Module

MACHINE CAPACITIES

Maximum Length Between Centres

With Standard Fixed Headstock And

Hydraulic Tailstock *18" *457 MM

Maximum Table Traverse At O 4" 100 MM

At 90" 1.5" 28 MM

Cutter Centre To Work Centre min. 4.5" 114.3 mm

max. 12.5" 317.5 mm

Cutter Speeds 61 To 222 R. P.M. In 14 Steps (With 9" Cutter Head)

Table Feed Rates .623" (15.8 mm) to 6.37" (162 mm)

***this capacity can be increased to accommodate long shaft components**

CUTTERS

Maximum outside diameter 9.625" 244 mm. (for 9" Cutter Head)

Maximum outside diameter 12.5" 518 mm. (for 12" Cutter Head)

Bore diameter 2.5" 63.5 mm.

MOTORS

Main drive 3.5 H. P. x 4,450 r.p.m.

Knee 0.66 H. P. x 940 r.p.m.

Hydraulic 0.50 H. P. x 3,000 r.p.m.

Coolant pump 0.66 H. P. x 1,000 r.p.m.

Clarifier manga drum magnetic type

OVERALL DIMENSIONS

Length 83"(2,108 cm.)

Width 65"(1,611 cm.)

Height 86 ½"(2,198 cm.)

Weight 9,300 lbs.(4,218 Kg.)