













Sykes



V-270

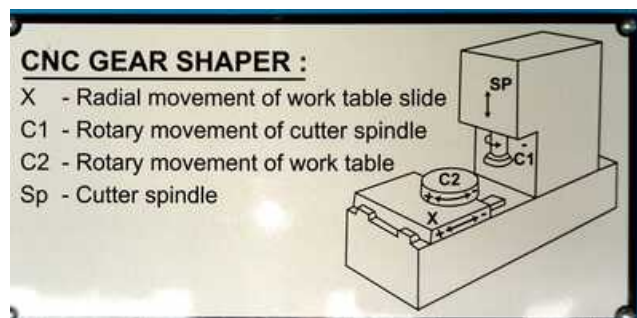
CNC GEAR SHAPER



W. E. SYKES(GB) Limited

Westbury House,23-25 Bridge Street Pinner,HA5 3HR United Kingdom.
Tel : 0203 432 3291 Fax : 0208-965-7586

Model :	SYKES V-270 CNC (3-axes)			
Serial No. :	MP 215/15/2023			
Year of Manufacture :	2023			
Electrical Supply :	415V, 3 ph, a.c., 50 Hz			
Full Load Current :	30 Amp			
Short Circuit Interrupting Capacity of disconnection device on Machine	120KA			
Mass of Machine	3000kgs			
Hydraulic Power Supply – minimum pressure	30 bar			
Hydraulic Power Supply – maximum pressure	45 bar			
Lifting Points :				
Electrical Panel	2 eye bolts on top of panel			
Machine :	2x Through Holes of 56mm are Provided for lifting with crane by using 50mm bars.			
Hydraulic Power Pack	Holes on lifting plates at bottom			
Speed Range	X axis	C1 Axis	C2 Axis	Spindle
	1000mm/min	100mm/min	100mm/min	720 RPM



Machine Id	:- 1410	Serial No	:-
Category	:- Gear Related Machines	Model	:- V-380
Country	:- United Kingdom	Make	:- Sykes
Type of Machine	:- 3 Axis CNC GEAR SHAPER	Year	:- REBUILT MACHINE 2024
Weight	:- 0.0	Dimensions	:-
Power	:-	Location	:- Mumbai Warehosue, India

Specification :-

CNC version of Sykes older model V-400

Siemens 808 CNC System controls three axis Table Rotation (C2 axis)

Infeed (X axis) and Rotary Feed of the cutter (C1 axis)

Swiveling pendant control mounted on top of the electrical cabinet No change gears ,

Hydraulic clamping of work piece and hydraulic tailstock

Main spindle motor Siemens AC Servo

Safety Guards

SPECIFICATION :

Spindle Motor:1PH8101-1DF00-1CA1,

X-axis (Radial Feed) Servo Motor:1FK7063-2AF71-1RA1,11Nm,3000rpm

C1-axis (Circular Feed) Servo Motor:1FK7063-2AF71-1RA1,11Nm,3000rpm

C2-axis (Circular Feed) Servo Motor:1FK7063-2AF71-1RA1,11Nm,3000rpm

Hydraulic pump motor: 415v, 1.1kw/1.5Hp, 2.51Amp., 1415rpm)

Coolant pump: 3-phase, 380/440v, 0.5Hp, 0.9Amp., 1425rpm

General Lubrication Motor: 3-phase, 380v, 0.25Hp, 0.55Amp., 1380rpm

Cyclic Lubrication Unit Motor: 220v, 40kw, 0.6Amp., 1500rpm

Capacity:

Pitch (Minimum - Maximum) 0.5mm to 6.3 Module

Face Width & Stroke length :- 100MM

Maximum diameter 400MM

Maximum Helix angle +/- 45 degree

Cutter Spindle diameter 68.23mm

Work table dimension

Height of worktable above floor 930mm

Overall height of the machine 2200mm

Overall width 1350 mm

Overall depth (front to back) 1750 mm