

# Farrell Engineering Ltd

5, House of Farrell, St.Leonard Road London NW10 6NB United Kingdom  
 Tel: (020) 8965 7578 Fax: (020) 8965 7586  
 Email: info@farrellengineering.com



Category	:-	Gear Related Machines	Serial No	:-	
Model	:-	v 10c	Country	:-	Wales
Make	:-	sykes	Type of Machine	:-	gear shaper hydraulic
Year	:-	1980	Weight	:-	0.0
Dimensions	:-		Power	:-	
Location	:-	Mumbai Warehouse , India	Asking Price	:-	On Call

Specifications :-	
PITCH, MAX	4 DP. ( 6,3 MOD)
PITCH, MIN	64 DP.(0,5 MOD.)
Storke: Standardmachine	2 in. (63,5 mm)
Storke: Long storke machine	4 in. (102 mm)
Helix angle, max.	45 Degree
Blank diameter, External Gears	9.5 in. (242 mm.) (with 4 in. cutter)
Max. work to cutter center distance	7 in. (178 mm)
Max. pitch diameter Internal gears	8 in. (203 mm)
Max. diameter swing of work or Fixture at ?	1.5 in (38,1 mm.)
Centers	15 in. (381 mm)
Nominal spindle diameter	2.6875 in
Cutter spindle location (Standard)	1.5 in.
Maximum cutting speed	150 ft/ min.
Maximum cutter to work ratio	5:1
Cutting speed range:	
Standard machine	82-617 s.p.m
Long storke machine	60-375 s.p.m
Max. Saddle drop-off	1.00 in. (25,4 mm)
Overhead work support:	

Working height, max	11 in. (280 mm.)
Working height, min	3 5/8 in.(92 mm)
<b>Infeed:</b>	
Type	Electro-mechanical
Range: Infeed per stroke	0.0005 - 0.002 in
Number of cuts	1 to 4 (or more)
Depth setting	Trip dogs on drum
Saddle drop ?off	Auto, power traverse
Infeed direction	?IN? or ?Out? as required
Saddle offset	0.6 in. right or left
<b>Motors:</b>	
Type	Totally enclosed
Number	4 or 5
Main Motor	3 H.P. 740 r.p.m
Coolant motor	1 H.P. 1420 r.p.m
Lubication pump Motor	1/8 H.P. 920 r.p.m
Infeed drive motor	0.5 H.P. 920 r.p.m
Work truing motor (when fitted)	1.5 H.P. 920 r.p.m
Control circuit Voltage	110 volt
Motor overload	Thermal
Electric clutches	Warner Westool 90v. D.C
Electric brake	Warner Westool 90v. D.C

<b>Descriptions :-</b>	
Overall height	87 1/8 in.
Overall width	52.5 in
Overall depth, front to back	69 1/8 in.
Floor area, doors open	117 in. x 95 5/8 in.
Weight (approx)	3 ton