

**SOUND**  
MACHINERY MAKERS

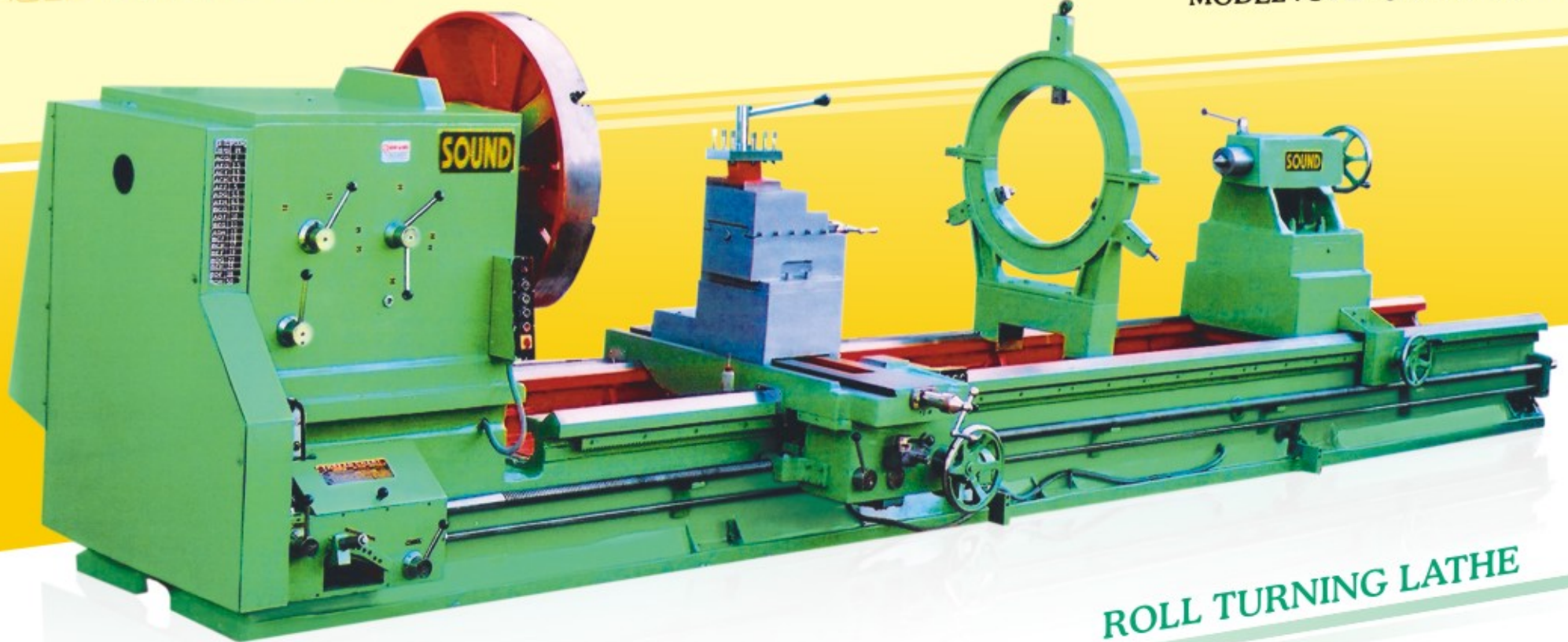
AN ISO 9001:2008 CERTIFIED COMPANY

SOUND MACHINERY MAKERS

EXTRA HEAVY DUTY ALL GEARED HEAD  
ROLL TURNING LATHE

**EXTRA HEAVY DUTY**  
**ALL GEARED HEAD**

MODEL : SOL - 50 / 60 / 70 / 80



ROLL TURNING LATHE



SOUND MACHINERY MAKERS

## EXTRA HEAVY DUTY ALL GEARED HEAD FACING LATHE

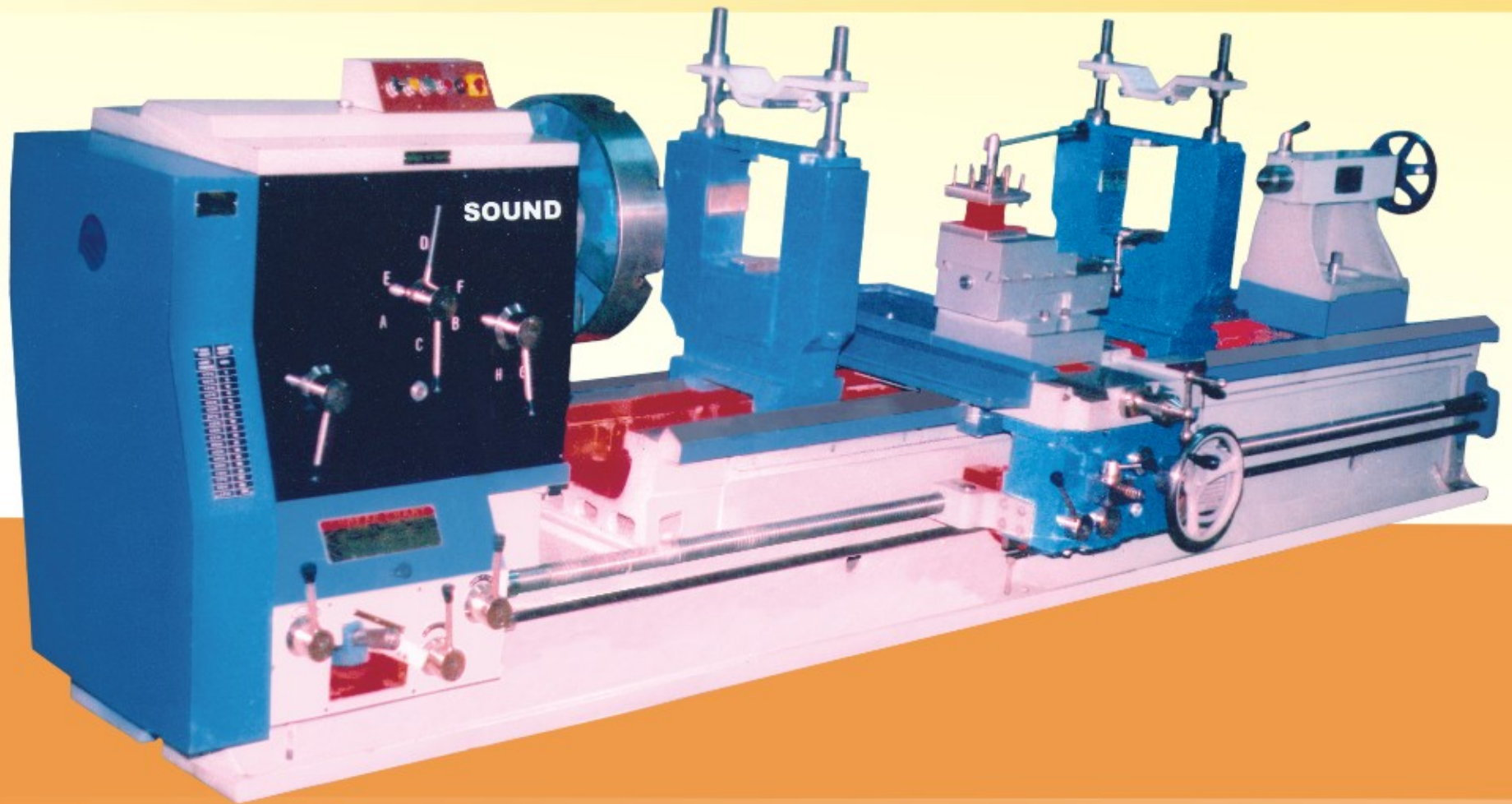




SOUND MACHINERY MAKERS

**HEAVY DUTY**

**ALL GEARED HEAD ROLL GROOVING LATHE**





SOUND MACHINERY MAKERS



ALL GEARED HEAD LATHE WITH DRO  
SL 10 / 15 / 20 / 25 / 30



ALL GEARED HEAD LATHE  
SL 10 / 15 / 20 / 25 / 30

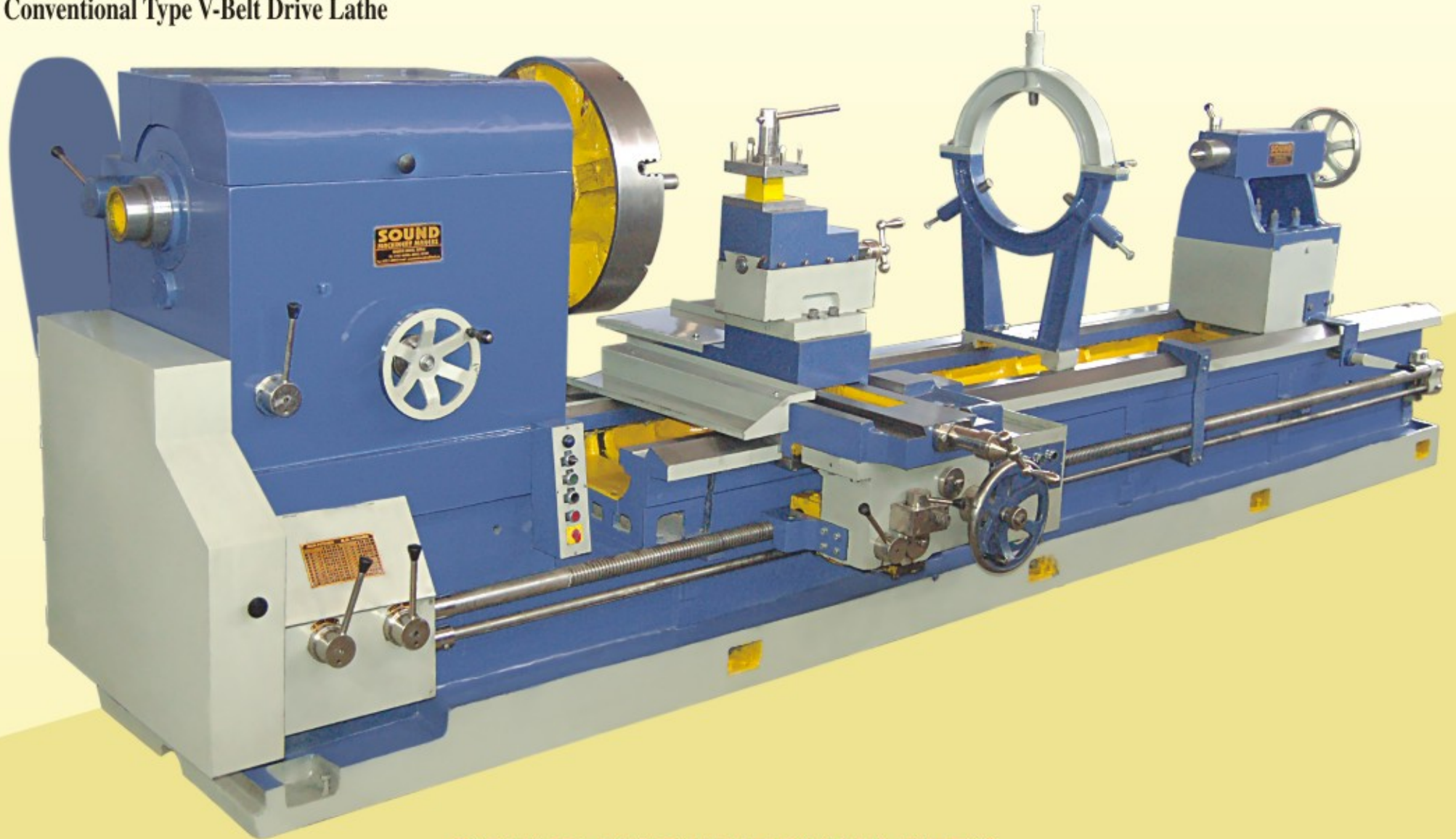
# SPECIFICATIONS

SPECIFICATIONS	SL 10	SL 15	SL 20	SL 2	SL 30	SFL 20	SFL 30	SFL 40	SGL 20	SGL 30	SGL 40	SHL 30	SHL 40	SHL 50	SLL 30	SJL 40	SJL 50	SKL 20	SKL 30	SKL 40	SKL 50	SML 30	SML 40	SML 50	SML 60	SOL 50	SOL 60	SOL 70	SOL 80	
<b>CAPACITY</b>																														
ADMIT BETWEEN CENTERS	1000	1500	2000	2500	3000 MM	2000	3000	4000MM	2000	3000	4000MM	2000	3000	4000MM	3000	4000	5000MM	2000	3000	4000	5000MM	3000	4000	5000	6000	5000	6000	7000	8000	
BED WIDTH	350 OPT 375 MM					450	3000			500	3000			600	5000MM			760	3000			900	5000			6000	7000		8000	
CENTER HEIGHT	280 OPT 300MM					380				450				500				600				700				800				925
SWING OVER BED	550					760				900				1000				1200				1400				1600				1850
SWING OVER CARRIAGE	390					450				500				650				900				1200				1600				1400
SWING OVER CROSS SADDLE	350					400				450				600				800				850				1150				1350
SWING IN GAP	750					1000				1250				1300				1400				1650				1950				2200
SWING IN FRONT OF FACE PLATE	175					225				225				250				250				250				250				250
<b>HEAD STOCK</b>																														
MAIN SPINDLE BORE	53 / 65 / 80MM					90 OPT 100MM			100			100			105			105			105			105			125			DOG CHUCK
MAIN SPINDLE NOSE	TAPER NOSE					TAPER NOSE			TAPER NOSE / THREADED			TAPER NOSE / THREADED			TAPER NOSE / THREADED			TAPER NOSE / THREADED			THREADED NOSE			THREADED NOSE			TRUE CHUCK			
MAIN SPINDLE TAPER	MT 4					MT 4			M T 4			MT 5			M T 5			M T 5			M T 5			M T 5			M T 6			
NO OF SPEEDS	18					18			18			18			18			18			18			18			18			
SPEED RANGE	35 TO 1000 RPM / 40 TO 1200					15 TO 450 R P M			15 TO 450 R P M			10 TO 300 R P M			8 TO 250 R P M			8 TO 200 R P M			4 TO 100 R P M			2 TO 50 R P M			ELECTRICAL CONTROL PANEL			
<b>TAIL STOCK</b>																														
TAIL STOCK QUILL DIA	80MM					90MM			90MM			100MM			110MM			125MM			150MM			150MM			MOTORIZED SADDLE			
TAIL STOCK QUILL TRAVEL	200MM					250MM			250MM			300MM			300MM			300MM			350MM			350MM			MAIN MOTOR			
TAIL STOCK QUILL TAPER	MT 4					MT 4			MT 4			MT 4			MT 5			MT 6			M T 6			M T 6			COOLANT PUMP WITH TANK			
<b>SLIDE &amp; CARRIAGE</b>																														
CROSS SLIDE TRAVEL	300MM					400MM			450MM			500MM			600MM			725MM			850MM			1000MM			TAPER TURNING ATTACHMENT			
TOP SLIDE TRAVEL	150MM					180MM			200MM			200MM			250MM			250MM			250MM			250MM			D.R.O. FITTING			
MAX TOOL DIMENSIONS	25 X 25					35 X 35			35 X 35			40 X 40 MM			40 X 40 MM			40 X 40MM			45 X 45 MM			50 X 50MM			MACHINE LIGHT			
<b>STEADIES</b>																														
MAX- MIN CAP OF FIXED STEADY	20 TO 200					40 TO 350			50 TO 400			100 TO 500			100 TO 550			150 TO 650			150 TO 750			300 TO 900			SPLASH GUARD			
MAX- MIN CAP OF TRAVELLING STEADY	8 TO 80					20 TO 100			20 TO 100			20 TO 100			20 TO 100			20 TO 100			20 TO 100			20 TO 100			FOOT OPERATED BRAKE			
<b>MOTORS</b>																														
MAIN MOTOR KW	2.2 KW					3.7KW			3.7KW			5.5 KW			5.5 KW			7.5 KW			11 KW			11 KW			TOOL POST GRINDING ATTACHMENT			
OPTIONAL RAPID MOTOR FOR SADDLE	1.5KW OPTIONAL					1.5KW OPTIONAL			1.5KW OPTIONAL			1.5KW OPTIONAL			1.5KW OPTIONAL			1.5KW OPTIONAL			1.5KW OPTIONAL			1.5KW OPTIONAL			KEY WAY CUTTING ATTACHMENT			
COOLANT PUMP MOTOR	0.11KW					0.11 KW			0.11 KW			0.11 KW			0.11 KW			0.11 KW			0.11 KW			0.11 KW			EXTRA HEAVY ROLLER GUIDES			
<b>THREADS &amp; FEEDS</b>																														
LONGITUDINAL FEEDS	45 0.05 TO 1.5					45 0.05 TO 1.5			45 0.05 TO 1.5			45 0.05 TO 1.5			45 0.05 TO 1.5			45 0.05 TO 1.5			45 0.05 TO 1.5			45 0.05 TO 1.5			TURCITE LINING FITTING			
CROSS FEEDS	45 0.025 TO 0.75					45 0.025 TO 0.75			45 0.025 TO 0.75			45 0.025 TO 0.75			45 0.025 TO 0.75			45 0.025 TO 0.75			45 0.025 TO 0.75			45 0.025 TO 0.75			EXTRA HEAVY REVOLVING			
METRIC THREADS	45 0.5 TO 15					45 1 TO 15			45 1 TO 15			45 1 TO 15			45 1 TO 15			45 1 TO 15			45 1 TO 15			45 1 TO 15			TAIL STOCK QUILL			
WHITWORTH THREADS IN T P I	45 60 TO 4					45 60 TO 2			45 60 TO 2			45 60 TO 2			45 60 TO 2			45 60 TO 2			45 60 TO 2			45 60 TO 2			FLAME HARDENED GUIDE WAYS			
MODULER THREADS	45 0.25 TO 7.5					45 0.25 TO 7.5			45 0.25 TO 7.5			45 0.25 TO 7.5			45 0.25 TO 7.5			45 0.25 TO 7.5			45 0.25 TO 7.5			45 0.25 TO 7.5						
DIAMETRAL PITCH THREADS	24 120 TO 6					24 120 TO 6			24 120 TO 6			24 120 TO 6			24 120 TO 6			24 120 TO 6			24 120 TO 6			24 120 TO 6						
DIA OF LEAD SCREW	36MM					55MM			60MM			60MM			60MM			60MM			60MM			60MM						
PITCH OF LEAD SCREW	4 T P I					2 T P I			2 T P I			2 T P I			2 T P I			2 T P I			2 T P I			2 T P I						
<b>STANDARD ACCESSORIES</b>																														
DOG CHUCK PLATE	STANDARD ACCESSORIES					STANDARD ACCESSORIES			STANDARD ACCESSORIES			STANDARD ACCESSORIES			STANDARD ACCESSORIES			STANDARD ACCESSORIES			STANDARD ACCESSORIES			STANDARD ACCESSORIES			DOG CHUCK PLATE			
TRUE CHUCK PLATE	OPTIONAL					OPTIONAL			OPTIONAL			OPTIONAL			OPTIONAL			OPTIONAL			OPTIONAL			OPTIONAL			OPTIONAL			
4 WAY TOOL POST	4 WAY TOOL POST					4 WAY TOOL POST			4 WAY TOOL POST			4 WAY TOOL POST			4 WAY TOOL POST			4 WAY TOOL POST			4 WAY TOOL POST			4 WAY TOOL POST			4 WAY TOOL POST			
ELECTRICAL PANEL	OPTIONAL					OPTIONAL			OPTIONAL			OPTIONAL			OPTIONAL			OPTIONAL			OPTIONAL			OPTIONAL			OPTIONAL			
STOPPER ROD	NOT APPLICABLE					NOT APPLICABLE			NOT APPLICABLE			NOT APPLICABLE			NOT APPLICABLE			NOT APPLICABLE			NOT APPLICABLE			NOT APPLICABLE			NOT APPLICABLE			
STEADY REST	STEADY REST					STEADY REST			STEADY REST			STEADY REST			STEADY REST			STEADY REST			STEADY REST			STEADY REST			STEADY REST			
FOLLOW REST	FOLLOW REST					FOLLOW REST			FOLLOW REST			FOLLOW REST			FOLLOW REST			FOLLOW REST			FOLLOW REST			FOLLOW REST			NOT APPLICABLE			
DEAD CENTRE	DEAD CENTRE					DEAD CENTRE			DEAD CENTRE			DEAD CENTRE			DEAD CENTRE			DEAD CENTRE			DEAD CENTRE			DEAD CENTRE			DEAD CENTRE			
REDUCTION SLEEVE	REDUCTION SLEEVE					REDUCTION SLEEVE			REDUCTION SLEEVE			REDUCTION SLEEVE			REDUCTION SLEEVE			REDUCTION SLEEVE			REDUCTION SLEEVE			REDUCTION SLEEVE			REDUCTION SLEEVE			

**EXTRA / OPTIONAL ACCESSORIES**

- DOG CHUCK
- TRUE CHUCK
- ELECTRICAL CONTROL PANEL
- MOTORIZED SADDLE
- MAIN MOTOR
- COOLANT PUMP WITH TANK
- TAPER TURNING ATTACHMENT
- D.R.O. FITTING
- MACHINE LIGHT
- SPLASH GUARD
- FOOT OPERATED BRAKE
- TOOL POST GRINDING ATTACHMENT
- KEY WAY CUTTING ATTACHMENT
- EXTRA HEAVY ROLLER GUIDES
- TURCITE LINING FITTING
- EXTRA HEAVY REVOLVING
- TAIL STOCK QUILL
- FLAME HARDENED GUIDE WAYS

## Conventional Type V-Belt Drive Lathe



### **SOUND MACHINERY MAKERS**

AN ISO 9001:2008 CERTIFIED COMPANY

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