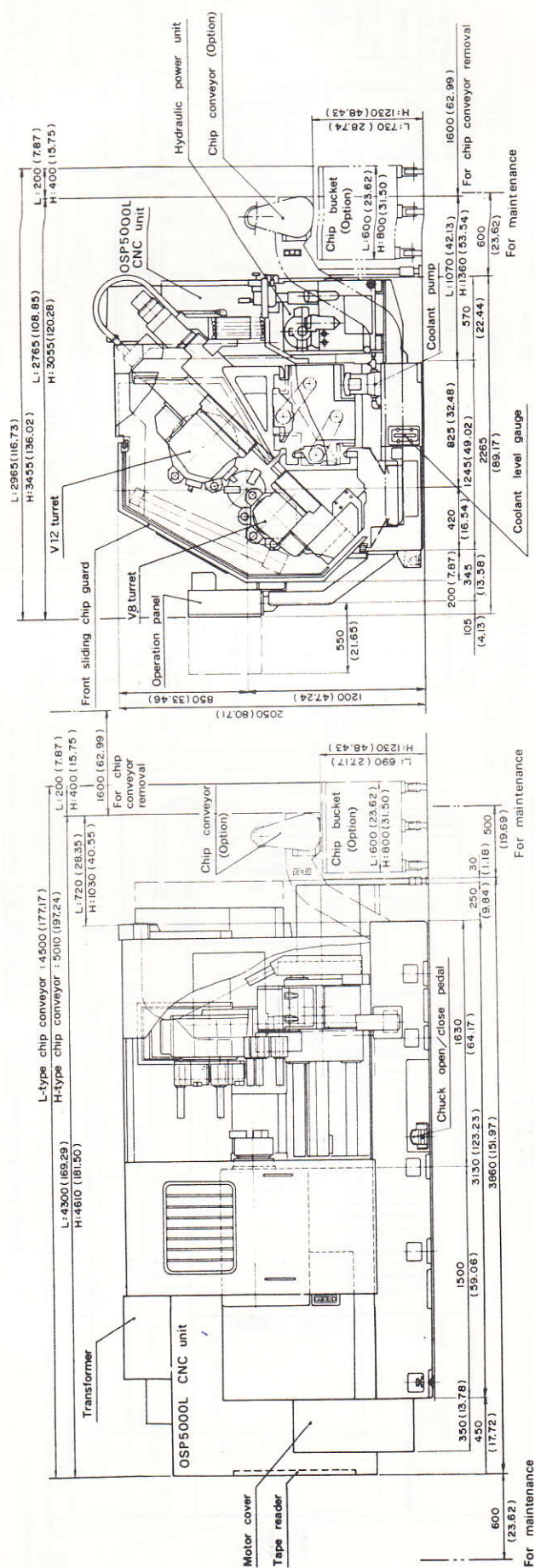


		2S		2S with tailstock
NOMINAL SIZE		450 x 250	450 x 750	450 x 750
NUMBER OF CONTROLLED AXES		2 x 2		
SWING OVER BED	mm	500		
MAX. TURNING DIAMETER	mm	450		
MAIN SPINDLE:				
Spindle nose	mm	ASA A ₂ – 8		
Spindle diameter at front bearing	mm	φ120		
Bore diameter		φ 77		
Internal taper		MT No. 7		
Range of spindle speed	rpm	15 ~ 3000		
Number of spindle speeds		Auto. 4 range x infinitely variable		
CARRIAGE (Z-AXIS):				
Longitudinal travel, UT*	mm	520	1020	800
Cutting feedrates, UT	mm/rev	0.01 ~ 1000.00		
Rapid traverse speed, UT	mm/min	10,000		
Longitudinal travel, LT	mm	520	1020	582
Cutting feedrates, LT	mm/rev	0.01 ~ 1000.00		
Rapid traverse speed, LT	mm/min	10,000		
GROSS-SLIDE TRAVEL (X-AXIS):				
Longitudinal travel, UT	mm	230 + 60		
Cutting feedrates, UT	mm/rev	0.01 ~ 1000.00		
Rapid traverse speed, UT	mm/min	5,000		
Longitudinal travel, LT	mm	135 + 15		
Cutting feedrates, LT	mm/rev	0.01 ~ 1000.00		
Rapid traverse speed, LT	mm/min	5,000		
TURRET:				
No. of tools, UT		12		
No. of tools, LT		8		
Size of OD/ID turning tool	mm	25 x 25 / φ50		
TAILSTOCK:				
Diameter of quill	mm	—		120
Quill travel	mm	—		150
Taper of center		—		MT No.6 (Live spindle: MT No.5)
BED:				
Length of upper slideway	mm	1200	1700	
Width of upper slideway	mm	500		
Length of lower slideway	mm	1200	1700	
Width of lower slideway	mm	420		
ELECTRIC MOTOR:				
Main spindle drive motor	kW	DC 22/30 (Continuous/30 min. rating)		
Upper Z-axis drive cup motor	kW	2.2		
Upper X-axis drive cup motor	kW	0.75		
Lower Z-axis drive cup motor	kW	2.2		
Lower X-axis drive cup motor	kW	0.75		
Hydraulic power unit pump motor	kW	1.5		
Coolant pump motor	kW	0.4		
HYDRAULIC POWER UNIT:				
Tank capacity	ℓ	40		
Pressure adjustable range	kg/cm ²	MAX. 35		
FLOOR SPACE REQUIREMENTS	mm	3860 x 2265	4360 x 2265	4360 x 2265
NET WEIGHT OF MACHINE (including CNC unit)	kg	8000	8500	9000

*UT = Upper Turret, LT = Lower Turret



Unit: mm (in.)

Fig. 5 Model LC30 2S 450 x 250