

TARGET

CNC
Turning Center

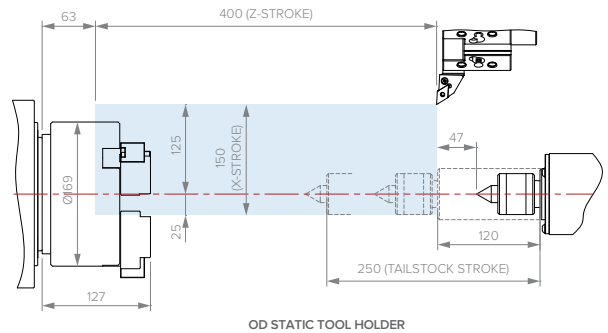
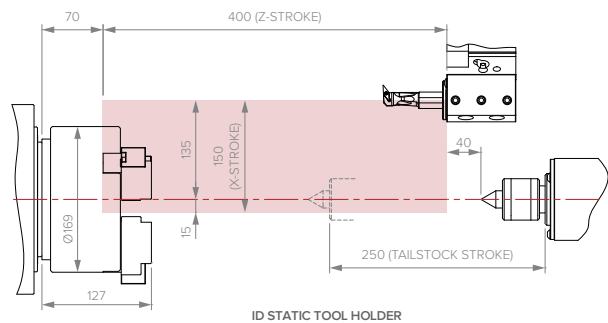
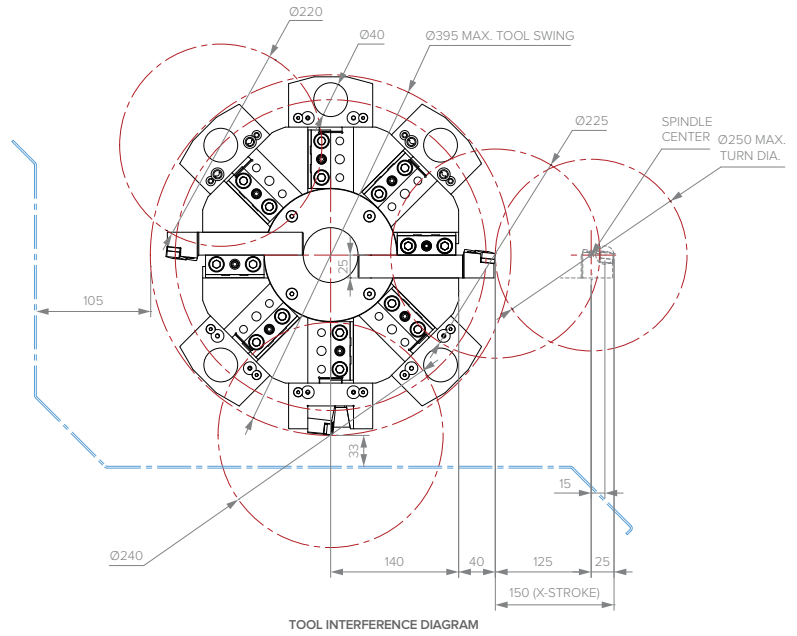
LH 106

Turning 30 years
of experience into perfection

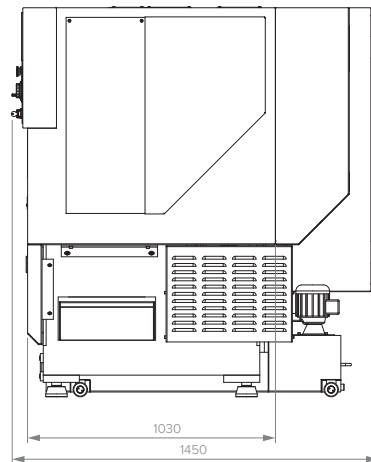
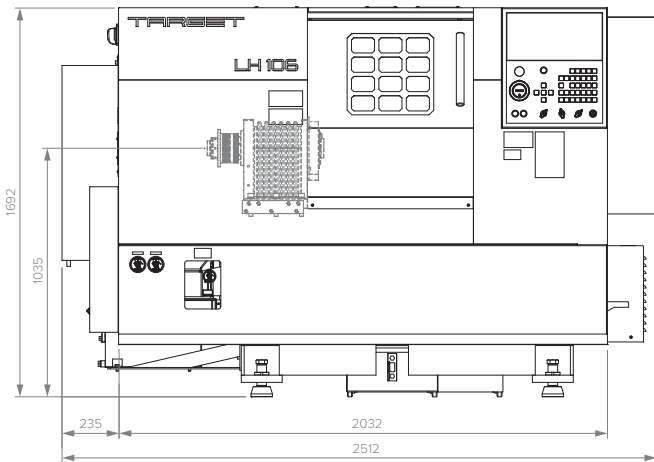


SPECIFICATIONS

Item	Unit	LH 106
Capacity		
Turning Diameter (Max)	mm	Ø250
Turning Length (Max)	mm	400
Bar Capacity (Max)	mm	Ø40
Swing Over Cross Slide	mm	Ø230
Swing Over Way Covers	mm	Ø450
Main Spindle		
Spindle Nose	ASA	A2-5
Spindle Bore Diameter	mm	Ø50
Spindle Bearing Diameter (Front)	mm	Ø80
Chuck Size (Standard)	mm	Ø169
Spindle Speed (Standard/Option)	rpm	4500/6000
Spindle Power (Continuous/30 min)	kW	5.5/7.5
Turret		
Type		Electromech./Hyd.
No. of Tool Stations		8
Turning Tool Shank Size	mm	25 x 25
Boring Bar Diameter (Max)	mm	Ø40
Index Time (1 Station)	s	0.45
Index Time (180°)	s	1.6
Live Tooling		
No. of Live Tool Mounting Stations (Max)		
Live Tool Type		
Speed (Max)	rpm	Available in LH 106M
Power (Max)	kW	
Torque (Max)	Nm	
Feed Drives		
X Axis Rapid Traverse	m/min	30
Z Axis Rapid Traverse	m/min	30
X Axis Stroke	mm	150
Z Axis Stroke	mm	400
Type of Guide Ways - X & Z Axes		LM Guides
Tailstock		
Quill Diameter	mm	Ø60
Quill Taper Size		MT-4
Quill Thrust (Max)	kg	300
Quill Stroke	mm	120
Tailstock Base Travel	mm	235
Type of Guide Ways		V & Flat
C Axis		
Least Programmable Value	deg	Available in LH 106M
Rapid Traverse (Max)	rpm	
Accuracies		
Spindle Nose Run-out TIR (Max)	mm	0.005
Positioning Accuracy - X & Z Axes	mm	±0.010
Repeatability - X & Z Axes (Max)	mm	0.005
Machine Size and Power		
Length (w/o Chip Conveyor)	mm	2512
Height	mm	1692
Width	mm	1450
Height of Spindle Center	mm	1035
Weight	kg	2750
Power (w/o Options)	kVA	15
Control		
CNC System		FANUC/Mitsubishi/Siemens
Axis Drive		AC Digital Servo
Spindle Drive		AC Spindle Servo



Due to continuous improvements in design, the specifications are subject to change without notice.



Variants in this Series CNC Chucker LC 105
CNC Chucker LC 106

Other Series CNC Turning Centers LH 200 Series
CNC Turn-Mill Centers LH 100M, 200M Series

Machine Options Parts Catcher, Chip Conveyor, Bar Puller, Bar Feeder