

# TARGET

CNC Chuckers | CNC Turning Centers | CNC Turn-Mill Centers

Turning 30 years  
of experience into perfection



**STANDARD SPECIFICATIONS#**

Item	Unit	CNC Chuckers (Linear Tooling)		CNC Turning Centers				CNC Turn-Mill Center
		LC 105	LC 106	LH 105	LH 106	LH 108	LH 210	LH 106M
<b>Capacity</b>								
Turning Diameter (Max)	mm	Ø80	Ø160	Ø160	Ø200	Ø250	Ø370	Ø130
Turning Length (Max)	mm	250	300	250	400	400	500	400
Bar Capacity (Max)	mm	Ø40	Ø40	Ø40	Ø40	Ø50	Ø66	Ø40
Swing Over Cross Slide	mm	Ø170	Ø170	Ø230	Ø230	Ø230	Ø340	Ø230
Swing Over Way Covers	mm	Ø450	Ø450	Ø450	Ø450	Ø450	Ø600	Ø450
<b>Main Spindle</b>								
Spindle Nose	ASA	A2-5	A2-5	A2-5	A2-5	A2-6	A2-6	A2-5
Spindle Bore Diameter	mm	Ø50	Ø50	Ø50	Ø50	Ø62	Ø78	Ø50
Spindle Bearing Diameter (Front)	mm	Ø80	Ø80	Ø80	Ø80	Ø100	Ø110	Ø80
Chuck Size (Standard/Option)	mm	Ø169/Ø135	Ø169/Ø210	Ø169/Ø135	Ø169/Ø210	Ø210	Ø254	Ø169/Ø210
Spindle Speed (Standard/Option)	rpm	4000	4000/3000	4000	4000/3000	3000	2500	3000
Spindle Power Continuous (30 min)	kW	3.7 (5.5)	5.5 (7.5)	3.7/5.5	5.5 (7.5)	7.5(11.0)	11.0(15.0)	5.5(7.5)
<b>Turret</b>								
Type		Linear Tooling	Linear Tooling	Electromech./Hyd.	Electromech./Hyd.	Electromech./Hyd.	Electromech./Hyd.	Electromech./Hyd.
No. of Tool Stations		4*	4*	8	8	8	12	12
Turning Tool Shank Size	mm	20x20	25x25	20x20	25x25	25x25	25x25	20x20
Boring Bar Diameter (Max)	mm	Ø32	Ø32	Ø32	Ø40	Ø40	Ø40	Ø32
Index Time (1 station)	s	-	-	0.4	0.45	0.45	0.9	0.45
Index Time (180°)	s	-	-	1.4	1.6	1.6	1.6	1.6
<b>Live Tooling</b>			<i>Option:</i>					
No. of Live Tool Mounting Stations (Max)		-	Twin/Single	-	-	-	-	12 (Max. 3 Radial)
Live Tool Type		-	Servo - Axial	-	-	-	-	VD 30
Speed (Max)	rpm	-	3000	-	-	-	-	3000
Power (Max)	kW	-	0.75	-	-	-	-	1.2
Torque (Max)	Nm	-	4	-	-	-	-	8
<b>Feed Drives</b>								
X Axis Rapid Traverse	m/min	30	30	30	30	30	30	30
Z Axis Rapid Traverse	m/min	30	30	30	30	30	30	30
X Axis Stroke	mm	320	400	100	150	150	205	150
Z Axis Stroke	mm	250	300	250	400	400	500	400
Type of Guide Ways - X & Z Axes		LM Guides	LM Guides	LM Guides	LM Guides	LM Guides	LM Guides	LM Guides
<b>Tailstock</b>								
Quill Diameter	mm	-	-	-	Ø60	Ø60	Ø80	-
Quill Taper Size		-	-	-	MT-4	MT-4	MT-4	-
Quill Thrust (Max)	kg	-	-	<i>Available as Option</i>	500	300	500	<i>Available as Option</i>
Quill Stroke	mm	-	-	-	120	120	80	-
Tailstock Base Travel	mm	-	-	-	235	235	450	-
Type of Guide Ways		-	-	-	V & Flat	V & Flat	V & Flat	-
<b>C Axis</b>								
Least Programmable Value	deg	-	-	-	-	-	-	0.001
Rapid Traverse (Max)	rpm	-	-	-	-	-	-	100
<b>Accuracies</b>								
Spindle Nose Run-out TIR (Max)	mm	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Positioning Accuracy - X & Z Axes	mm	±0.010	±0.01	±0.01	±0.01	±0.01	±0.01	±0.01
Repeatability -X & Z Axes (Max)	mm	0.005	0.005	0.005	0.005	0.005	0.005	0.005
<b>Machine Size and Power</b>								
Length (w/o Chip Conveyor)	mm	1535	2237	1535	2472	2512	2805	2512
Height	mm	1622	1617	1622	1617	1692	1604	1692
Width	mm	1370	1518	1370	1520	1450	1763	1450
Height of Spindle Center	mm	1110	1110	1035	1035	1035	1018	1035
Weight	kg	1780	2600	1870	2750	2950	3820	2850
Power (w/o options)	kVA	10	15	10	15	20	25	15
<b>Control</b>		FANUC / MITSUBISHI / SIEMENS						
CNC System		AC Digital Servo						
Axis Drive Package		AC Spindle Servo						
Spindle Drive Package		AC Spindle Servo						



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Product specifications are subject to change without notice.  
# For optional items, contact Target Machinery  
@ No. of tools can vary depending on component diameter