

# COMPACT

## Drill Tap Machining Centers

**SPARK**  
**SPARK - XL**



India's Largest  
Manufacturer of  
Machining Centers

# Machine Specifications

Specifications	Unit	SPARK	SPARK XL
<b>Travels</b>			
X axis	mm	300	400
Y axis	mm	250	300
Z axis	mm	250	250
Dist. from Spindle face to Table top	mm	150 - 400	150 - 400
<b>Table</b>			
Table size	mm	500 x 270	650 X 300
Max. load on Table	kg	150	200
Table Height from floor	mm	840	840
T-slot dimension (n x w x p)	mm	3 x 14 x 80	3 x 14 x 100
<b>Spindle</b>			
Tool shank type		BT - 30	BT - 30
Spindle speed	Std. rpm	60 - 6000	80 - 8000
	Opt. rpm	80 - 8000	
Spindle power	Std. kW	5.5 / 3.7	5.5 / 3.7
<b>Feed</b>			
Cutting feed	mm/min	1 - 10000	1-10000
Rapid traverse	m/min	25 / 25 / 18	36 / 36 / 36
<b>Automatic Tool Changer</b>			
No. of tools	Std./Opt.	8	8
Tool diameter	mm	80	80
Tool weight Max.	kg	2.5	2.5
Tool length Max.	mm	200	200
Tool change system		Twin Arm	Twin Arm
Pull Stud Type		MAS - 403	MAS - 403
<b>Accuracy (As per ISO 230-2)</b>			
Positioning accuracy	mm	0.010	0.010
Repeatability	mm	±0.003	±0.003
<b>Control System</b>			
Fanuc		0iMF+	0iMF+
<b>Installation data</b>			
Machine weight - Net	kgf	1800	2350
Floor Space	mm	1350 x 1900	1600 x 2000

## Key Features

- Spindle Taper BT-30
- Spindle Speed Spark - 6000 rpm  
Spark XL - 8000 rpm
- Spindle Power 5.5 / 3.7 kW
- 8 tool Disc type ATC
- Rapid Traverse  
Spark - 25 / 25 / 18 m/min  
Spark XL - 36 / 36 / 36 m/min
- Fanuc 0iMF+ package
- Rigid tapping
- Single Tier Lamp
- Panel Cooler ( Optional )

**70+** SALES & SERVICE OFFICES IN INDIA

**15+** GLOBAL LOCATIONS



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## Ace Designers Ltd. - Machining Center Division

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