

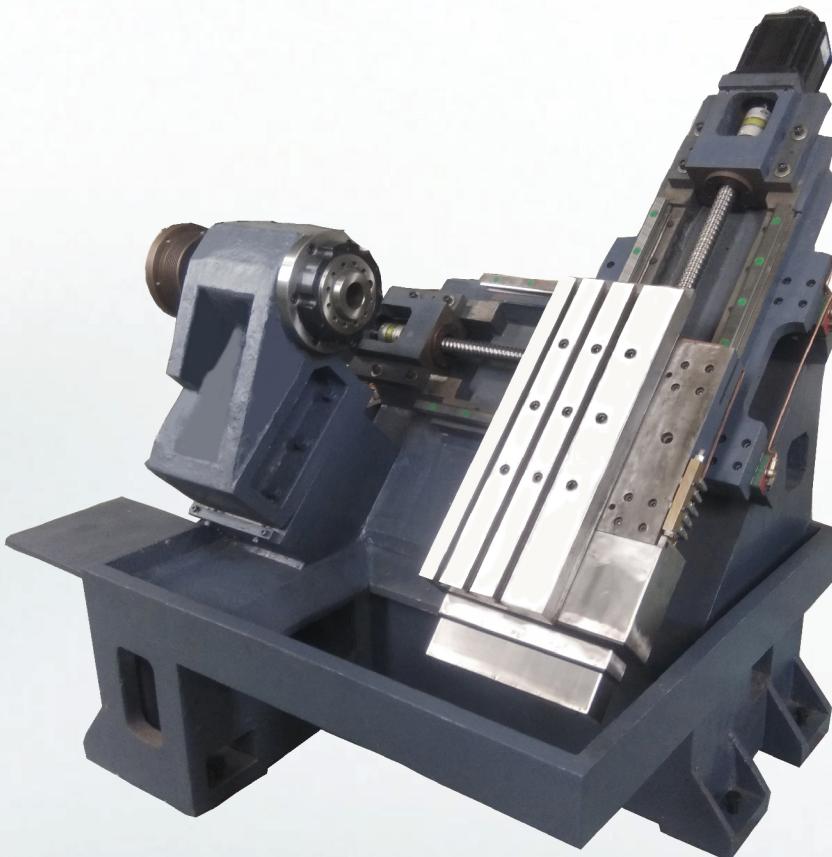
## AGAM Series

AGAM 400 | AGAM 400+ | AGAM 400S



Rigidity & Reliability Never Compromised !

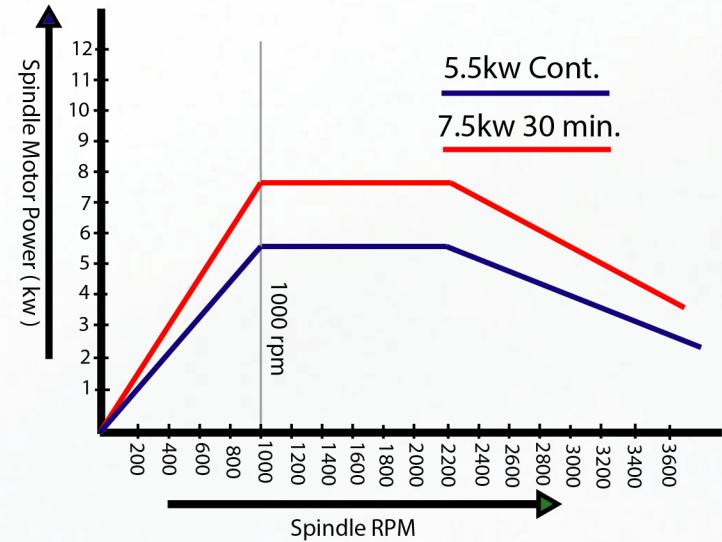
All **AGAM** Series Machines Having Unrivalled Cutting Capability Achieved By Overwhelming Power !



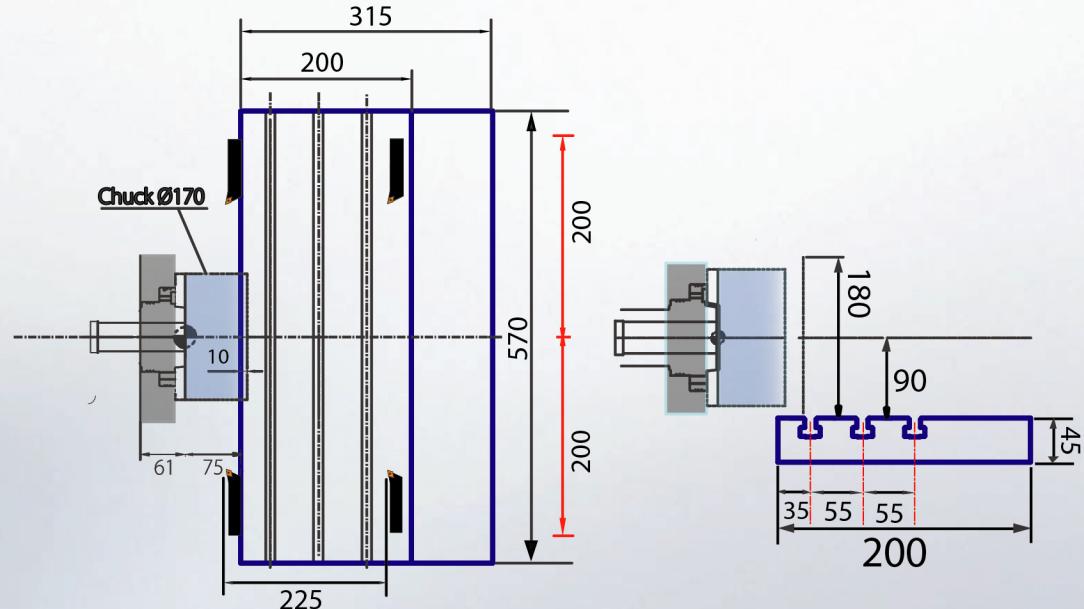
## Highlights

- \* FG 250 Grade Single Piece Casting , True Slant Bed , Uni Therma & X Balance Bed Design Construction .
- \* R&A Ready ( Robots Or Gantry Can Be Added Any Time )
- \* All Sheetmetal Guards Are Designed As Per Operator Friendliness & Fullfilling TPM Norms Of Industry .

**POWER -TORQUE DIAGRAM**



**TOOL INTERFERENCE DIAGRAM**



# TECHNICAL SPECIFICATION

Capacity		AGAM 400	AGAM 400+	AGAM 400S
Swing Over Bed	mm	460	460	460
Swing Over Carriage	mm	180	180	180
Max. Turning Length	mm	225	225	220
Std. Turning Dia.	mm	70	120	160
<b>Slides</b>				
X- Axis Travel	mm	400	400	400
Z- Axis Travel	mm	240	240	240
Rapid Feed ( X & Z Axis )	mm/min.	20000	20000	20000
<b>Main Spindle</b>				
Spindle Motor Power - Fanuc	kW	3.7 / 5.5	5.5 / 7.5	7.5 / 11
Spindle Motor Power - Delta	kW	3.7	5.5	5.5
Spindle Bore Std./Opt.	mm	40	46/56	65
Spindle Nose	Std.	A2-4	A2-5	A2-6
Max. Bar Capacity Std./Opt.	mm	29	32/44	50
Spindle Speed Range Fanuc	rpm	150 - 4000	150 - 3500	100 - 3000
Chuck Size	mm	135	165	200
<b>Linear Type Tooling</b>				
No. of Tools For Std. Job Dia Range	Nos.	5	4	4
Max. Boring Bar Capacity	mm	25	32	32
Tool Size ( Cross Sectional )	mm x mm	25 x 25	25 x 25	25 x 25
<b>Accuracy</b>				
Positioning Uncertainty	mm	0.008	0.008	0.008
Repeatability	mm	+/- 0.002	+/- 0.002	+/- 0.002
<b>Other</b>				
Machine Weight ( Approx )	kg	2200	2300	2400
Machine Dimension ( Approx )				
Lenght	mm	2100	2100	2100
Width	mm	1300	1300	1300
Height	mm	1800	1800	1800

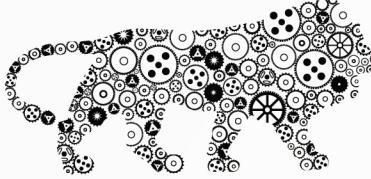
## Control System

The Following Latest Digital CNC Controllers available :

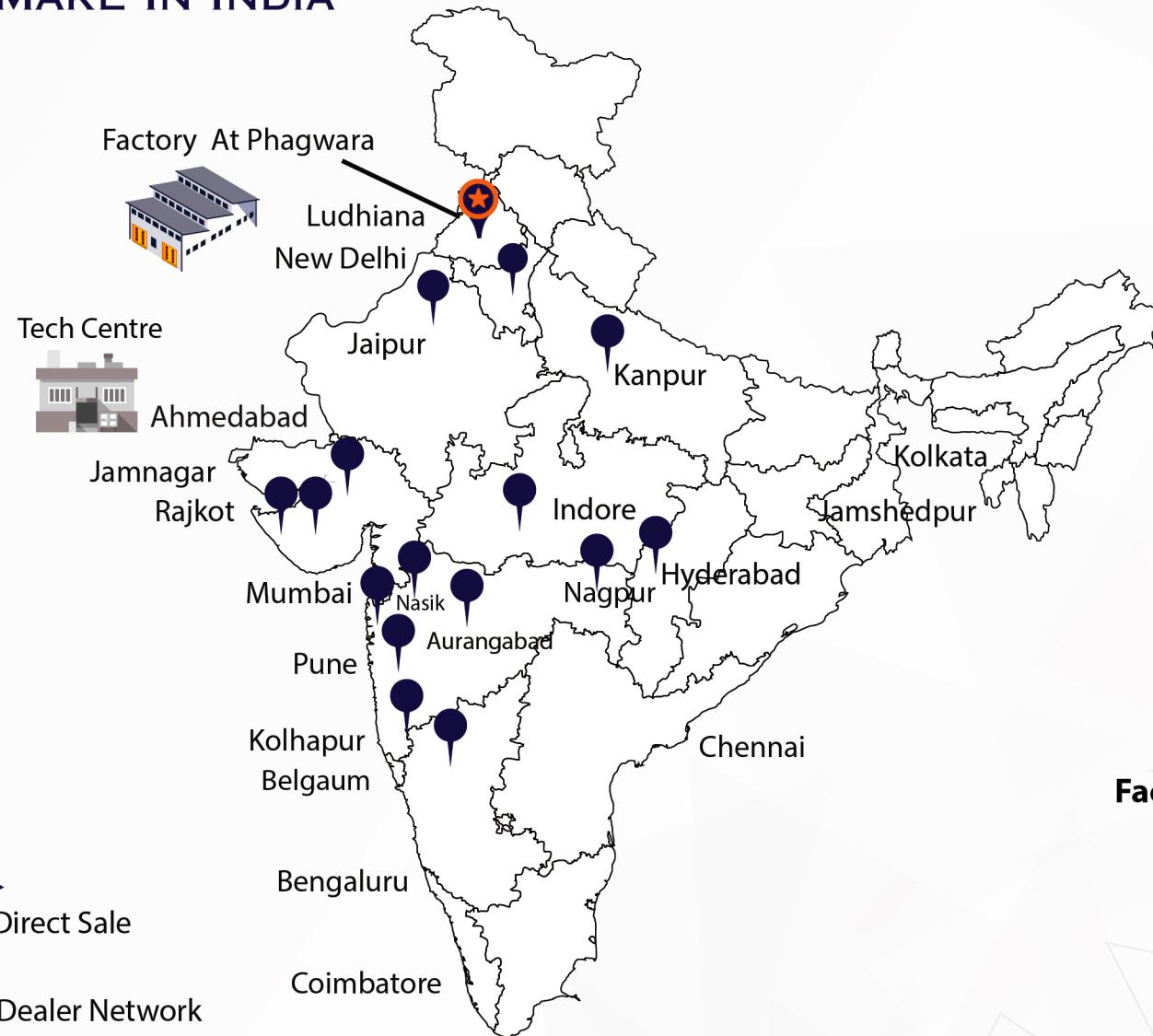
Fanuc 0i TF Plus  
Delta NC 200  
Siemens

## Standard Features

- \* True Slant Bed Single Piece Casting Structure With Dual Torque Tube Design
- \* Digital Servo Drives
- \* High Precision Grade 30 Size LM Guideways ( HIWIN / PMI )
- \* Highly Dynamically Balanced Spindle ( Accumen )
- \* C3 Grade Double Nut , Long Nut , Deep Groove 32x10 Ballscrews ( Hiwin / PMI )
- \* Direct Coupled Servo Mechanism For Better Accuracy
- \* High Chipbin Area
- \* Secure Lube System
- \* All Telescopic Cover SS 304 Rust Proof



**MAKE IN INDIA**



**Manufacturer of**

**CNC TURNING | VMC | HMC | CNC SPM**



All India Sales Support  
0091-8195-001122



All India Service Support  
0091-8198-001122

**Factory & Regd. Office :**

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