





ENGINEERING PVT LTD

ISO; 9001-2015 CERTIFIED COMPANY

About us

SPTI Engineering Solutions Pvt Ltd. is a manufacturer of precision machined components, assemblies & sub-assemblies which are required in Automobile, Marine, Generators etc.

Our State-of-the-art engineering & production facility is covering area of 6000 sq.ft. with available area of 45000 sq.ft. We take immense pride in our positive outlook and noteworthy achievements within the industry. We cater to small, medium & high volume production. SPTI Engineering has in-house facilities for CNC turning, VMC & HMC machining, along with CI & SG Iron foundry in Belgavi with capacity of 300 to 500 Ton per month, which gives us opportunity to provide our client base with complete end product.

VISION

To be a Global standard Vendor while keeping our human cultures intact.

MISSION

To exceed our customers expectation in quality and delivery through continuous improvement & customer interaction.

Core Values



TEAM WORK

Collaborating effectively with others to achieve common goals through shared effort and communication.



CUSTOMER FIRST

Making customer satisfaction our priority by actively listening, anticipating needs, and delivering best service.



INTEGRITY

Upholding honesty and ethical principles, consistently doing what's right, even when no one is watching.



EXCELLENCE

Continuous improvement and setting high standards to achieve the best possible results in every task and endeavour.

Chakra+V6



Specifications	Unit	dimensions
Table longitudinal travel(X axis)	mm	1050
Table cross travel(Y axis)	mm	610
Head stock Travel	mm	610
Table size	mm	1250x600
Maximum load on table	kg	1200
Speed standard	rpm	6000
Feed rate	mm/min	1-10000
Positioning Accuracy	mm	0.016
Repeatability(full stroke)	mm	0.012
Tool change system	type	twin arm
Tool storage capacity	Nos.	24

Agni++ BMV 45++



Specifications	Unit	dimensions
Table longitudinal travel(X axis)	mm	800
Table cross travel(Y axis)	mm	450
Head stock Travel	mm	500
Table size	mm	1000x450
maximum load on table	kg	600
Speed standard	rpm	8000
Feed rate	mm/min	1-10000
Positioning Accuracy	mm	0.012
Repeatability(full stroke)	mm	0.010
Tool change system	type	twin arm
Tool storage capacity	Nos.	24

With fourth Axis Installed

Orbitor+:



Specifications	Unit	dimension
Swing over bed	mm	500
Swing over carriage	mm	270
Admit between centre distace	mm	425
Standard turning diameter	mm	270
Interference free turingin diameter	mm	228
Max turning length between center	mm	400
Max turning length with Std. stock	mm	320
Std chuck size	mm	165(200)
Number of tools	nos.	8
boring tool holder size	mm	40
Crosslide movement (X axis)	mm	150
Longitudinal moviement (Z axis)	mm	425
Cutting feed rate	mm/min	0.01-10000

PRIMA 55 Pro

Specifications	Unit	PRIMA 55 Pro
Pallet Size	mm	630 x 500
Spindle taper	type	BT 50 (HSK A 100)
Axes Traverse	mm	800, 700, 800
Job swing Dia x Ht (mm)	mm	700
Weight (kg)		800 500



TECHNICAL

Machining Facility:

Conventional Set up

CODE NO	NAME	MODEL
ME/01	Lathe	Srikant
ME/02	Lathe	Amol
ME/03	Milling	BFW
ME/04	Milling	BFW
ME/17	Milling	BFW
ME/15	Drilling	RM-61 HMT
ME/05	Drilling	TPR 820
ME/06	Drilling	Batlibai
ME/16	Drilling	RM-62 HMT
ME/07	Compressor	KND
ME/08	Hacksaw	Jaswant
ME/16	Hacksaw	Jaswant

Automation Set up

ME/09	BFW -VMC	Agni-45++
ME/10	BFW -CNC	Neo-+
ME/11	BFW - CNC	Orbitur+
ME/17	BFW – HMC	Prima 55 pro
ME/12	BFW -VMC	Chakara+ BMV-60TC24
ME/13	High pressure cleaning machine	
ME/14	Dynamic balancing	FVBM-50

Inspection Facility:

CODE NO	NAME	MODEL
ME/DHG/01	DIGITAL HEIGHT	SYLVAC
ME/HG/01	HEIGHT GAUGE	ADITYA
ME/DV/01	DIGITAL VERNIER	BAKER
ME/VC/01 to 04	VERNIER CALIPE	BAKER
ME/SP/01	SURFACE PLATE	LOCAL
ME/SP/02	SURFACE PLATE	Jafuji
ME/HM/02	Height Master	Microtechnika
ME/MT/01	Milipore testing	
ME/SRT/01	Surface	PCE-RT-11
ME	CMM	



LIST OF PRODUCTS:

- Manifold
- Connection Adapter
- Connection oil Transfer
- Connection water Inlet/Outlet
- Cover Heat Exchanger
- Flywheel housing
- Bracket alternator
- Support oil Cooler
- Spacer Mounting
- Filter Head
- Housing damper
- Support Front Engine
- Support Accessory
- Shaft
- Flange
- Flange crankshaft
- Adapter Injector
- Gear
- Pneumatic and plumbing Valves
- Bracket Fan
- Bracket

Casting Capacity of 300 Ton to 500 Ton





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