

SPECIFICATION

Model	FIG-50	FIG-100	FIG-200	FIGE-2X2-100	FIGE-2X2-150	FIGE-150	FIGT-300
No. of CNC Controlled axis	2	2	2	2	2	3	4
Grinding bore dia Min. - Max. (mm) (Note : with suitable Wheel spindle)	Ø5 - Ø50	Ø15 - Ø100	Ø30 - Ø200	Ø15 - Ø100	Ø15 - Ø150	Ø15 - Ø150	Ø15 - Ø300
Grinding depth, max. (mm) (Note : with suitable Wheel spindle)	50	100	150	100	150	100	200
Max. chuck dia. (mm) (PMT ML : Make chuck)	Ø220	Ø300	Ø500	Ø220	Ø350	Ø350	Ø400
Workhead Nose.	A2-4 / A2-5 (Optional)	Ø118 / Metrci-70 / A2-6 (Optional)	A2-11 / A2-15 (Optional)	A2-4 / A2-5 (Optional)	Ø118 / Metrci-70 / A2-6 (Optional)	Ø118 / Metrci-70 / A2-6 (Optional) / A2-8(Optional)	A2-6 / A2-11 A2-15 Optional
Workhead Speed. - R.P.M. (Infinitely Variable)	10- 1000	10 - 500	10 - 400	10 - 1000	10 - 500	10 - 500	10 - 600
X-axis travel (max.) (mm)	150	400	800	400	500	500	150
Glass scale.	Std. Accessory.	Std. Accessory.	Std. Accessory.	Std. Accessory.	Std. Accessory.	Std. Accessory.	Std. Accessory.
Z-axis travel (max.) (mm)	300	400	500	400	500	400	700
Glass scale.	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Z-2-axis travel (max.) (mm)	N/A	N/A	N/A	N/A	N/A	400	N/A
Glass scale.	N/A	N/A	N/A	N/A	N/A	Optional	N/A
Type of Internal grinding Wheel spindle.	H. F. Spindle / Belt Driven (Optional)	H. F. Spindle / Belt Driven (Optional)	H. F. Spindle / Belt Driven (Optional)	H. F. Spindle	H. F. Spindle	H. F. Spindle + Belt Driven	H. F. Spindle
No. of Spindles can be Mounted on the machine.	1	1	1	2	2	2	4
R.P.M. Range. (Note : with suitable Wheel spindle)	As per application (6,000 - 1,05,000)						
Type of Internal grinding spindle Lubrication.	Oil Air / Oil Mist (Optional)						
Drive through	H.F. Convertor / Servo Spindle Motor	H.F. Convertor / Servo Spindle Motor	H.F. Convertor / Servo Spindle Motor	H.F. Convertor	H.F. Convertor	H.F. Convertor + Servo Spindle Motor	H.F. Convertor
H.F. Spindle cooling system.	Essential accsory	Essential accsory	Essential accsory	Essential accsory	Essential accsory	Essential accsory	Essential accsory
External Grinding wheel spindle.	N/A	N/A	N/A	N/A	Optional Accessory depending upon the application.	Std. Accessory mounted on 3rd Axis (Z-2-Axis)	Optional
Paper band cum Magnetic filtration system.	Std. Accessory.	Std. Accessory.	Std. Accessory.	Std. Accessory.	Std. Accessory.	Std. Accessory.	Std. Accessory.
Std. Machine Gaurding.	Partially Enclosed	Fully enclosed	Fully enclosed	Fully enclosed	Fully enclosed	Fully enclosed	Fully enclosed
Fume extractor.	Optional Accessory	Optional Accessory	Optional Accessory	Optional Accessory	Optional Accessory	Optional Accessory	Optional Accessory
Fixtures & Toolings can be provided.	As per application	As per application	As per application	As per application	As per application	As per application	As per application
Rotary Dresser	Optional	Optional	Optional	Optional	Optional	Optional	Optional
In-process Gauge	Optional	Optional	Optional	Optional	Optional	Optional	Optional
Tool Monitoring	Optional	Optional	Optional	Optional	Optional	Optional	Optional
CBN Application	Optional	Optional	Optional	Optional	Optional	Optional	Optional

Specifications are subject to change without notice for continuous development. Other details and features on request.

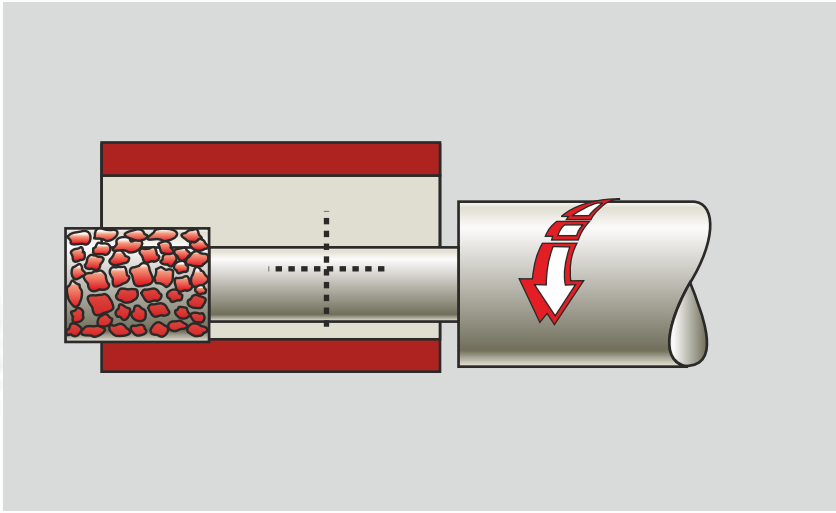


Sales and Service Network



Head Office & Works : P.O.Box No. 1102, Behind PCMC Building, Mumbai-Pune Road, Pimpri, Pune - 411 018 (India)
Tel. No.- +91-20-27426219 to 23
E-mail - rd@pmtmachines.com, marketing@pmtmachines.com
Website - www.pmtmachines.com
Halol Works : 178, Kadachala, Halol - 389350, Gujarat (India)
Tel. No.- +91-02676-246786/87
E-mail - cb@pmtmachines.com, mkt.brd@pmtmachines.com

MUMBAI	Mobile. No - 98217 13400 93217 13400	E-mail - pmtmbai@pmtmachines.com pmtmbai@gmail.com
NEW DELHI	Mobile. No - 98104 01815	E-mail - pmtdelhi@pmtmachines.com
BANGALORE	Mobile. No - 99860 48173	E-mail - pmtbangalore@pmtmachines.com pmtbangalore6@gmail.com
CHENNAI	Mobile. No - 98401 02157	E-mail - pmtchennai@machines.com pmtmadras02@gmail.com
COIMBATORE	Mobile. No - 98403 66822	E-mail - pmtcbe@gmail.com
JAMSHEDPUR	Mobile. No - 99341 19234	E-mail - dalbir34singh@rediffmail.com pmtjsr@gmail.com
VADODARA	Mobile. No - 96625 03927	E-mail - mkt.brd@pmtmachines.com
KOLKATA	Mobile. No - 70034 85126	E-mail - pmtkolkata@gmail.com
KOLHAPUR	Mobile. No - 97305 76789	E-mail - ssd@pmtmachines.com



CNC INTERNAL GRINDING MACHINES

FIG/FIGE
CNC INTERNAL GRINDERS

Building on the strong Swiss Foundation



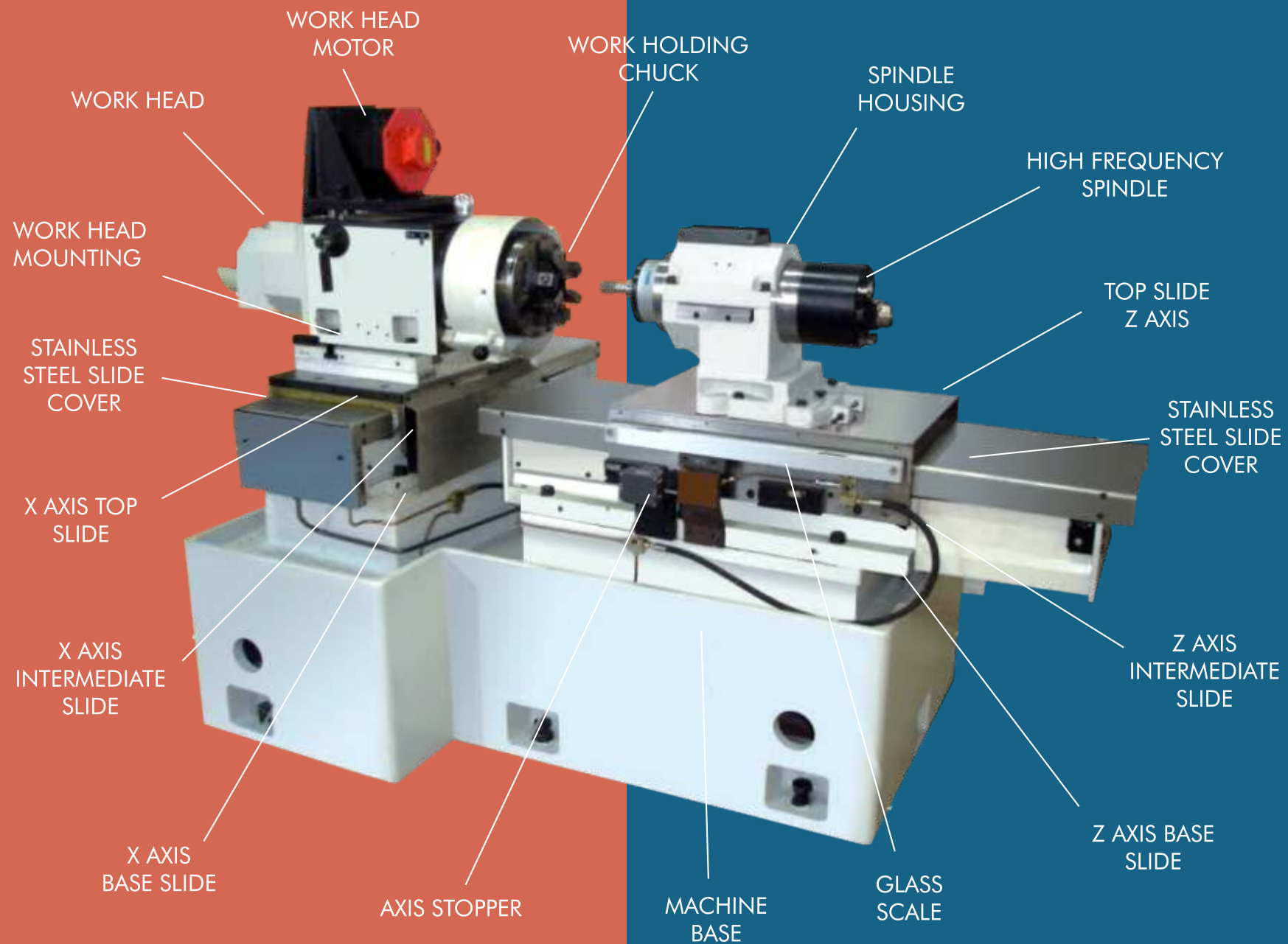
FIGE-150 CNC



FIG-100 XL



FIGT-250 CNC



BRIG-280 M

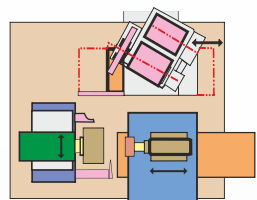


FIGE-2x2-150 CNC

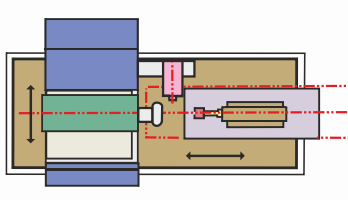


FIG-50 CNC

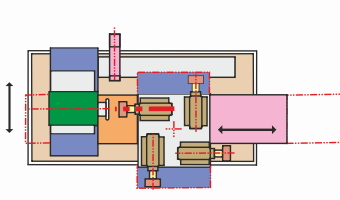
THREE AXIS TWO SPINDLE



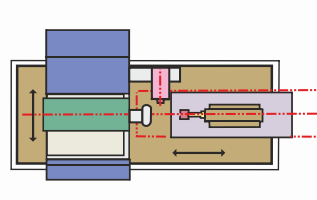
CBN TWO AXIS SINGLE SPINDLE



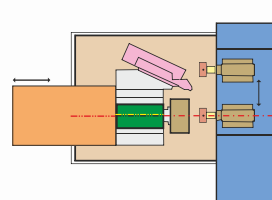
FIVE AXIS FOUR SPINDLE



TWO AXIS SINGLE SPINDLE



TWO AXIS TWO SPINDLE



TWO AXIS SINGLE SPINDLE

