



**MACHINE & SERVICE**  
**[WWW.DANTE-MS.COM](http://WWW.DANTE-MS.COM)**

**GRINDING  
MACHINES  
SOLUTION** **BY INTERMATO**



MACHINE & SERVICE

CHOSE PRECISION CHOSE DANTE

OFFICIAL MEMBERS





**DANTE MACHINE & SERVICE** IS AN AMERICAN COMPANY  
THAT WAS CREATED AFTER 20 YEARS OF PROVEN EXPERIENCE  
OF SERVICE AND CONSULTING AROUND THE WORLD.

WITH AN IMPECCABLE REPUTATION OF ALWAYS PROVIDING  
EFFICIENT AND ADEQUATE SOLUTIONS OF AUTOMATION  
IMPROVING PERFORMANCE OF THE  
FOUNDRY INDUSTRIES.

WITH A GREAT CUSTOMER SERVICE THAT  
UNDERSTANDS EACH OF OUR CUSTOMERS  
REQUIREMENTS WITH DEDICATION  
AND CONSTANCY.

**CHOSE PRECISION CHOSE DANTE**

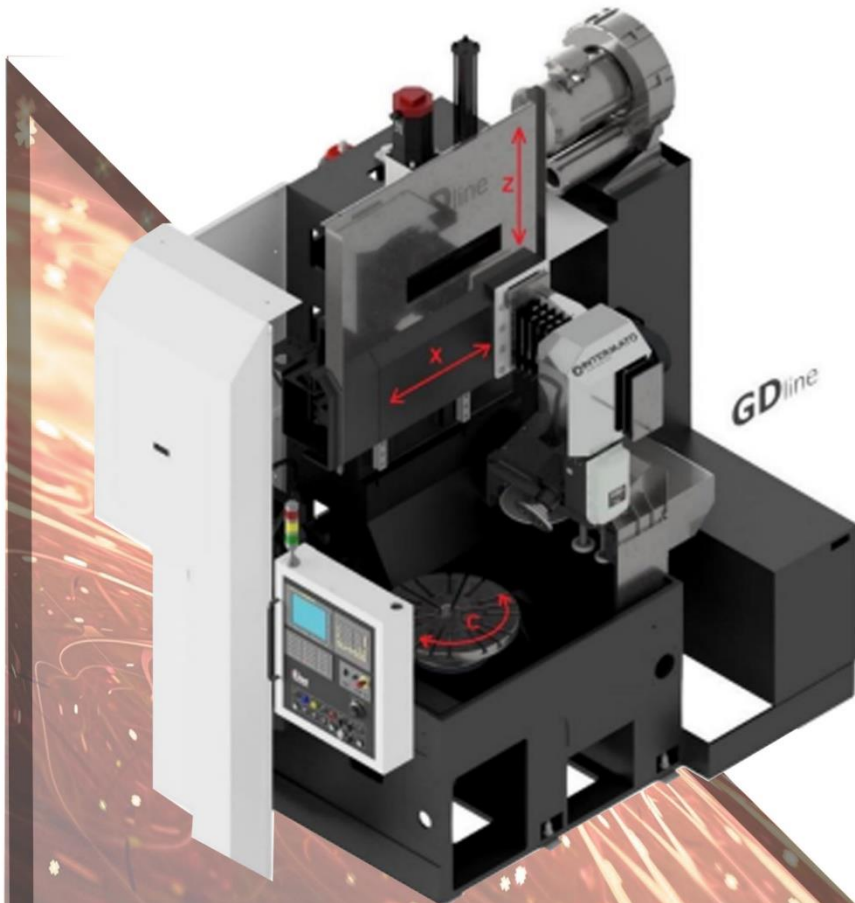
BECAUSE ALL OF THESE EXPERIENCE WE  
FIRMLY BELIEVE THAT THIS IS THE BEST  
TECHNOLOGY OF THE MARKET AND THE  
BEST **INNOVATIVE GRINDING SOLUTION** FOR  
THE CLIENTELE OF THE FOUNDRY INDUSTRY.

# GRINDING MACHINE - GD LINE T2



MACHINE INSTALLATION IN 2 DAYS

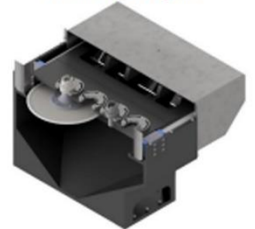
FOR STEEL, CAST IRON AND ALUMINUM ALLOYS



High power tilting head (Optional)



4 Positions tools magazine



Torque motor rotating table



350 mm Y axis with Tilting Head



TOOL CHANGER

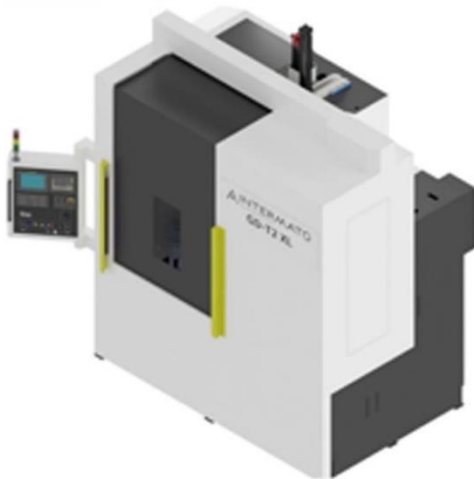
# GD LINE T2 & GD LINE T2 XL

FOR STEEL,  
CAST IRON AND  
ALUMINUM ALLOYS

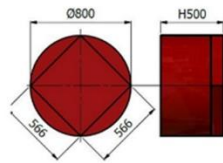
TO: GD-T2



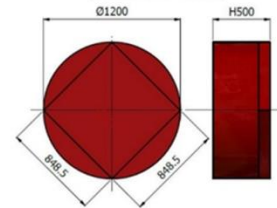
TO: GD-T2 XL



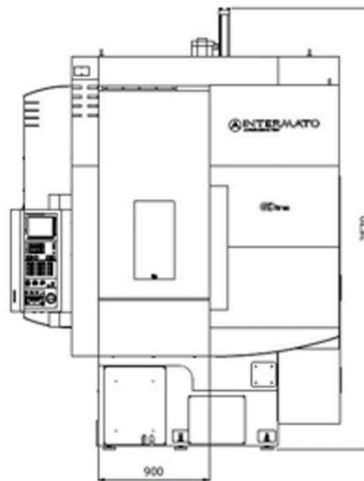
WORKING AREA



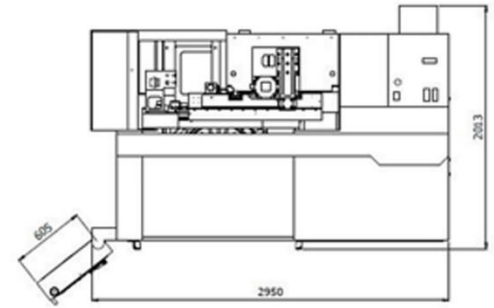
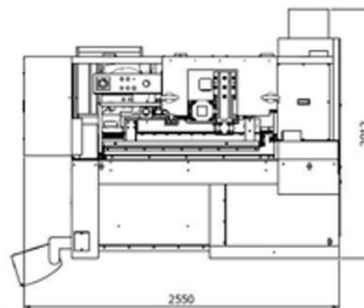
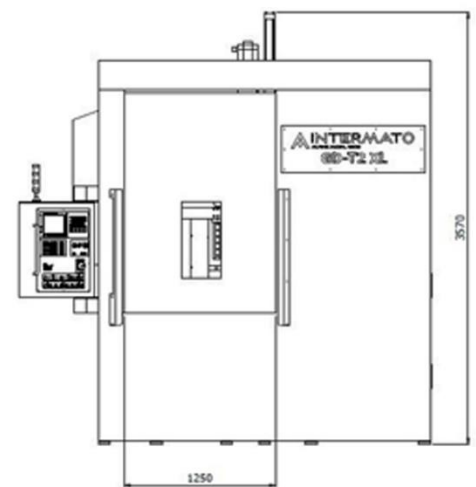
WORKING AREA



Model: GD-T2 (max. Ø800mm)



Model: GD-T2 XL (max. Ø1200mm)



		GD Line T2	GD Line T2 XL
<b>Working Capability</b>	Max. Diameter	800 mm	1200 mm
	Max. Load	250 Kg	250 Kg
<b>Grinding</b>	Power	26 Kw - Optional 55 Kw	26 Kw - Optional 55 Kw
	Speed	From 1.500 to 12.000 rpm	From 1.500 to 12.000 rpm
<b>Head</b>	Tool Changer	3 Position Automatic Tool Changer	3 Position Automatic Tool Changer
	Y Axle	250 mm	350 mm
	C axle table whit torquemotor	Continuous interpolation	Continuous interpolation
<b>General</b>	Vertical Stroke Z Axis	650 mm	650 mm
	Horizontal Stroke X Axis	500 mm	650 mm
	Rapid Axis Speed	30.000 mm/min	30.000 mm/min
<b>Data</b>	Number of Axes	6 (simultaneously interpolation 4)	6 (simultaneously interpolation 4)
	Total Weight of Machine	7.000 kg	7.400 kg
	Chip Conveyor	Optional	Optional

# GRINDING MACHINE - GD LINE T4

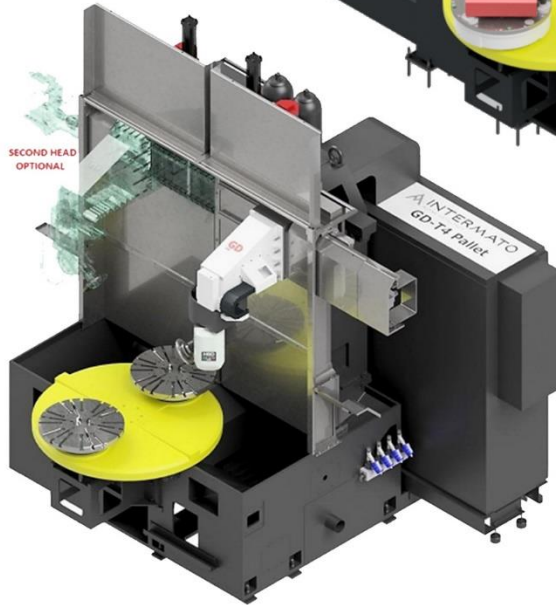
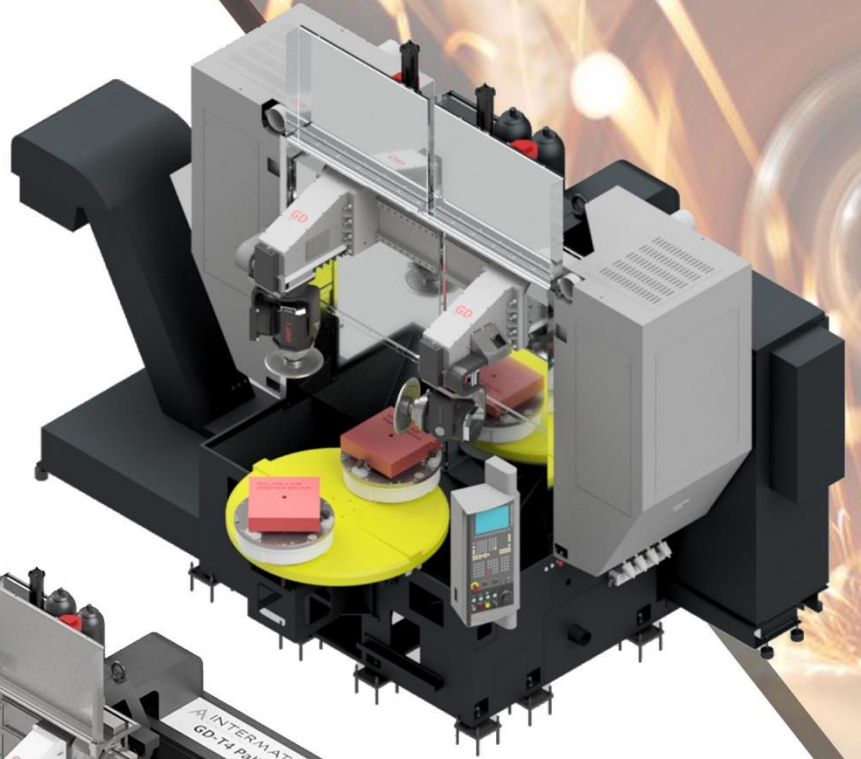
MACHINE INSTALLATION  
IN 2 DAYS

FOR STEEL, CAST IRON AND  
ALUMINUM ALLOYS

DIAMETERS: 600 - 1200 - 1600

TOOL CHANGER  
2 TILT HEADS AND

PART SCANNER  
COMPENSATION



4 Positions tools magazine

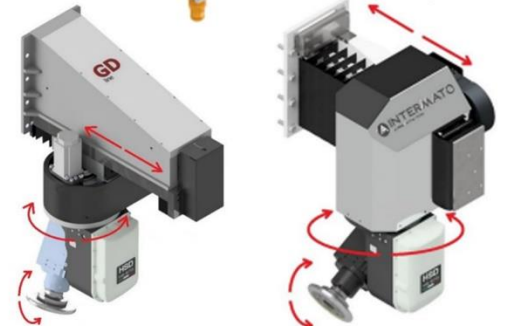


High power tilting head

Torque motor rotating table



350 mm Y axis with Tilting Head



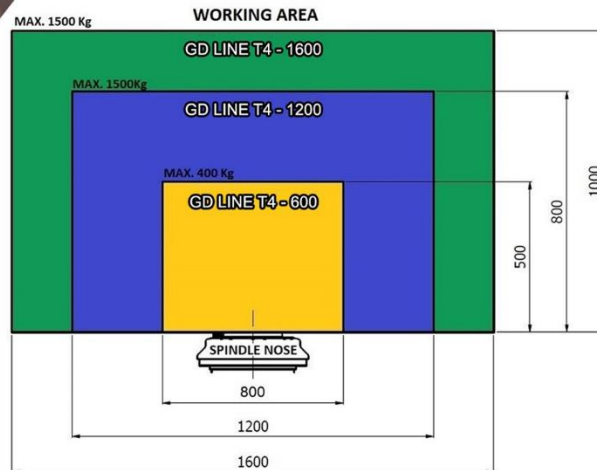
# GD LINE T4

MACHINE INSTALLATION IN 2 TO 3 DAYS

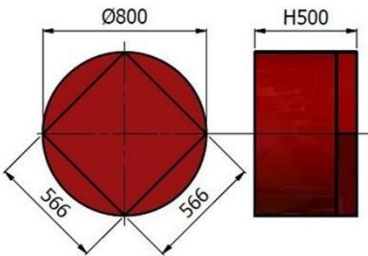
FOR STEEL  
CAST IRON AND  
ALUMINUM ALLOYS

TOOL CHANGER  
WITH 2 TILT HEADS

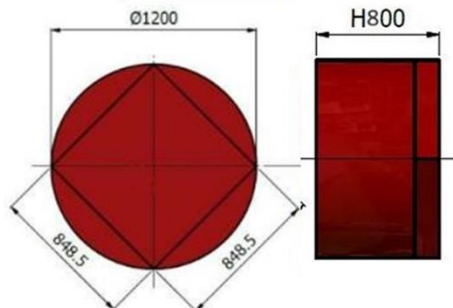
AND PART SCANNER  
COMPENSATION



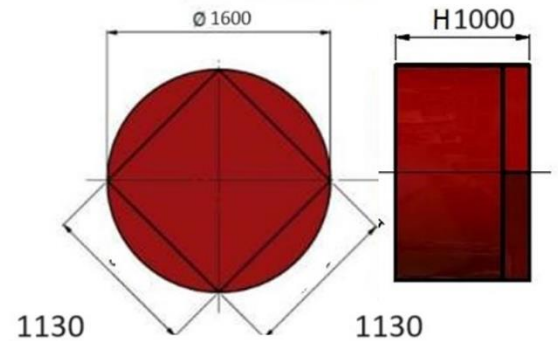
**WORKING AREA**



**WORKING AREA**



**WORKING AREA**



Slides	additional cross-shaped slides	1
	vertical stroke Z2 axis	650 mm
	horizontal stroke X2 axis	650 mm
	rapid axis speed	30 000 mm/min
	total number of interpolating axes	4 + 3
② Deburring Heads	transverse stroke Y axis	350 mm
	angular rotation	360 °
	main wheel	dia. 350/500mm – 26 kW with Option 55Kw
	secondary wheel	dia. 350 mm

# GD LINE T4 - 600

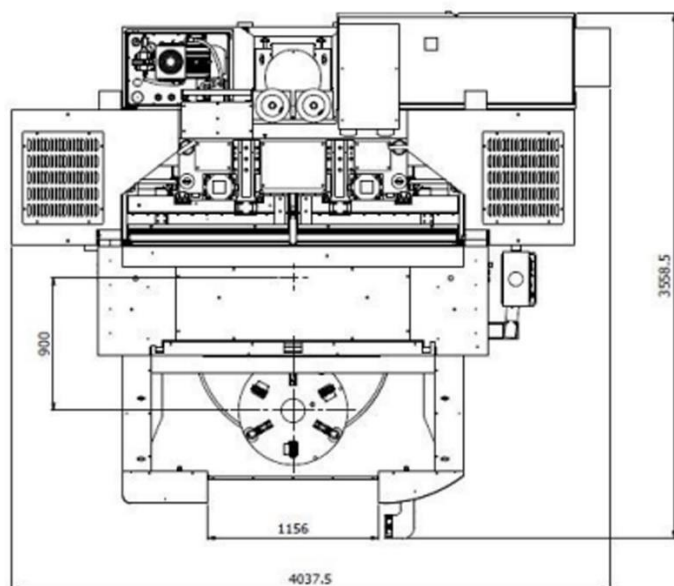
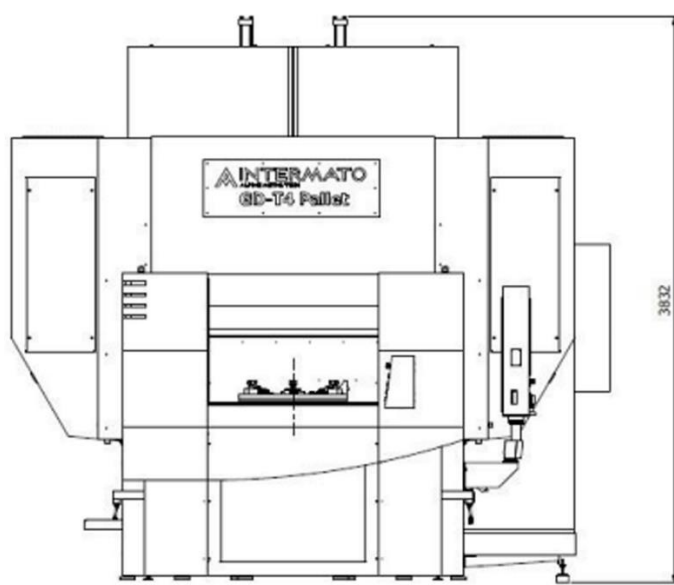
MACHINE INSTALLATION IN 2 DAYS

FOR STEEL, CAST IRON AND ALUMINUM ALLOYS

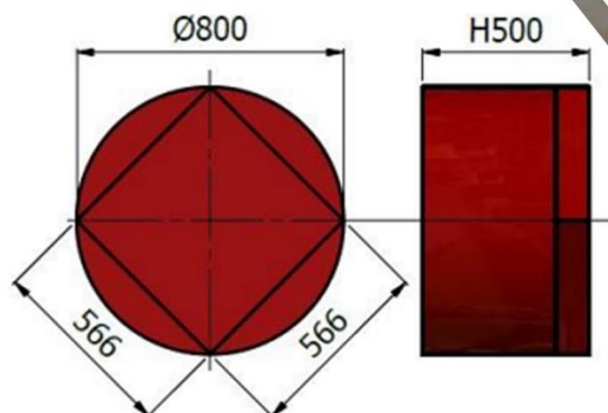
TOOL CHANGER WITH 2 TILT HEADS

PART SCANNER COMPENSATION

## MACHINES DIMENSIONS GT-T4 Pallet



## WORKING AREA



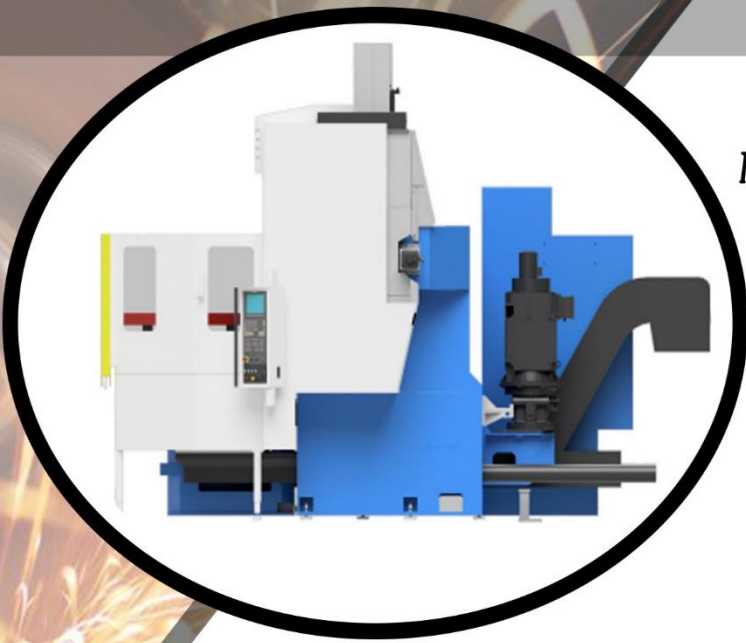
Working Capacity	Max. admitted diameter	800 mm
	Pallet Positions	Max. load 400 + 400 kg
Spindle	Power	60kW (S1) - 75kW (S3 60%)
	Max. torque with gear box	6.000 Nm
	Max. spindle speed (RPM)	Max 700 rpm - 1.200 rpm optional
Slides	Number of cross slides	1
	Vertical stroke Z axis	650 mm
	Horizontal stroke X axis	500 mm
	Rapid feed	30.000 mm/min
General Data	Total Weight of Machine	14.000 kg
	Crash	Self check / Detection
Utility	Spindle Vibration and Thermal analysis	Included
	Safety Guard	Full Closed



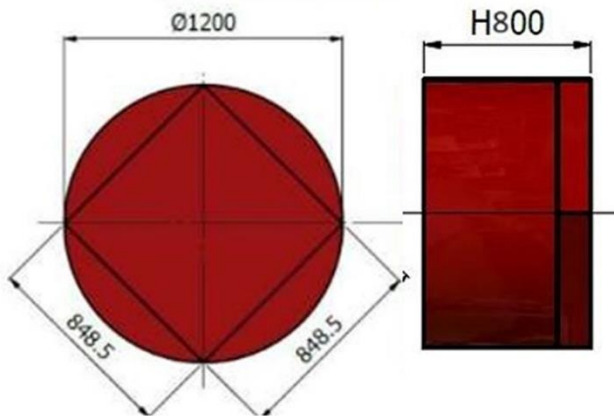
# GD LINE T4 - 1200

**MACHINE INSTALLATION IN 1 DAY  
FOR STEEL, CAST IRON AND  
ALUMINUM ALLOYS**

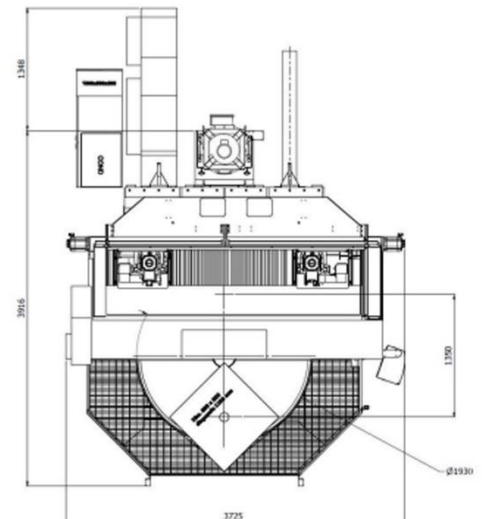
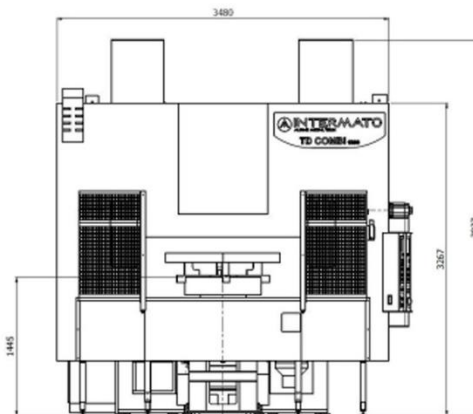
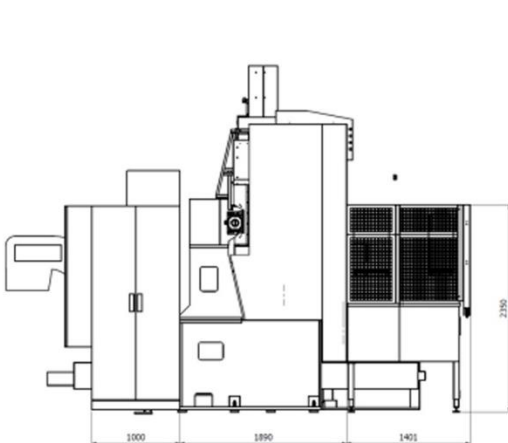
**TOOL CHANGER  
WITH 2 TILT HEADS AND  
PART SCANNER COMPENSATION**



## WORKING AREA



Working Capacity	Max. admitted diameter	1 200 mm
	Pallet Positions	Max. load 1500 + 1500 kg
Spindle	Power	60kW (S1) - 75kW (S3 60%)
	Max. torque with gear box	6.000 Nm
	Max. spindle speed (RPM)	Max 700 rpm - 1.200 rpm optional
Slides	Number of cross slides	1
	Vertical stroke Z axis	650 mm
	Horizontal stroke X axis	650 mm
	Rapid feed	30.000 mm/min
General Data	Total Weight of Machine	19.000 kg
Utility	Crash	Self check / Detection
	Spindle Vibration and Thermal analysis	Included
	Safety Guard	Full Closed

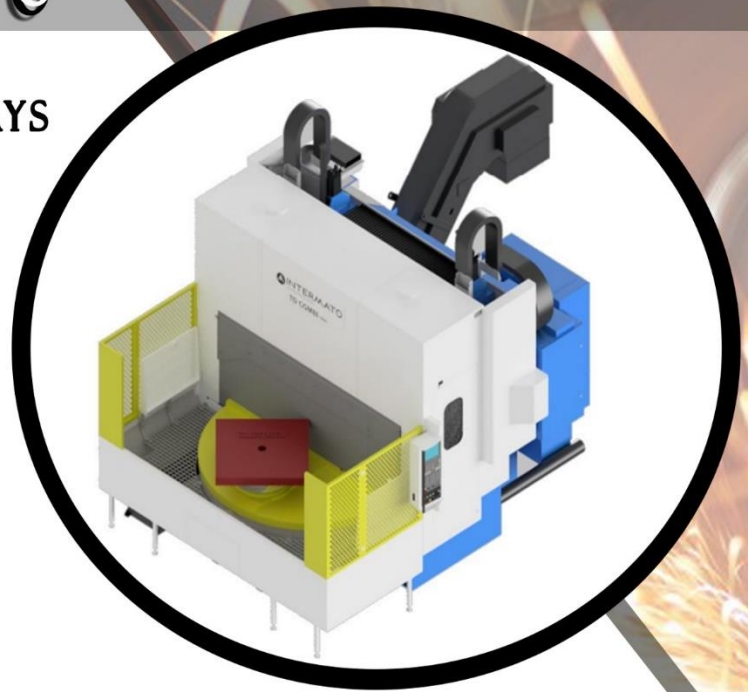


# GD LINE T4 - 1600

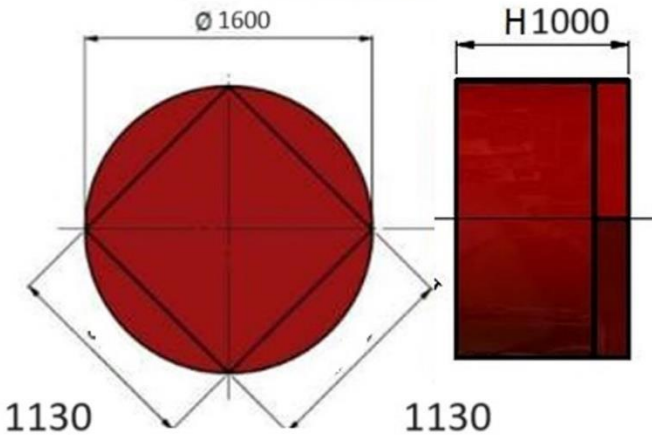
MACHINE INSTALLATION IN 3 DAYS

FOR STEEL, CAST IRON AND ALUMINUM ALLOYS

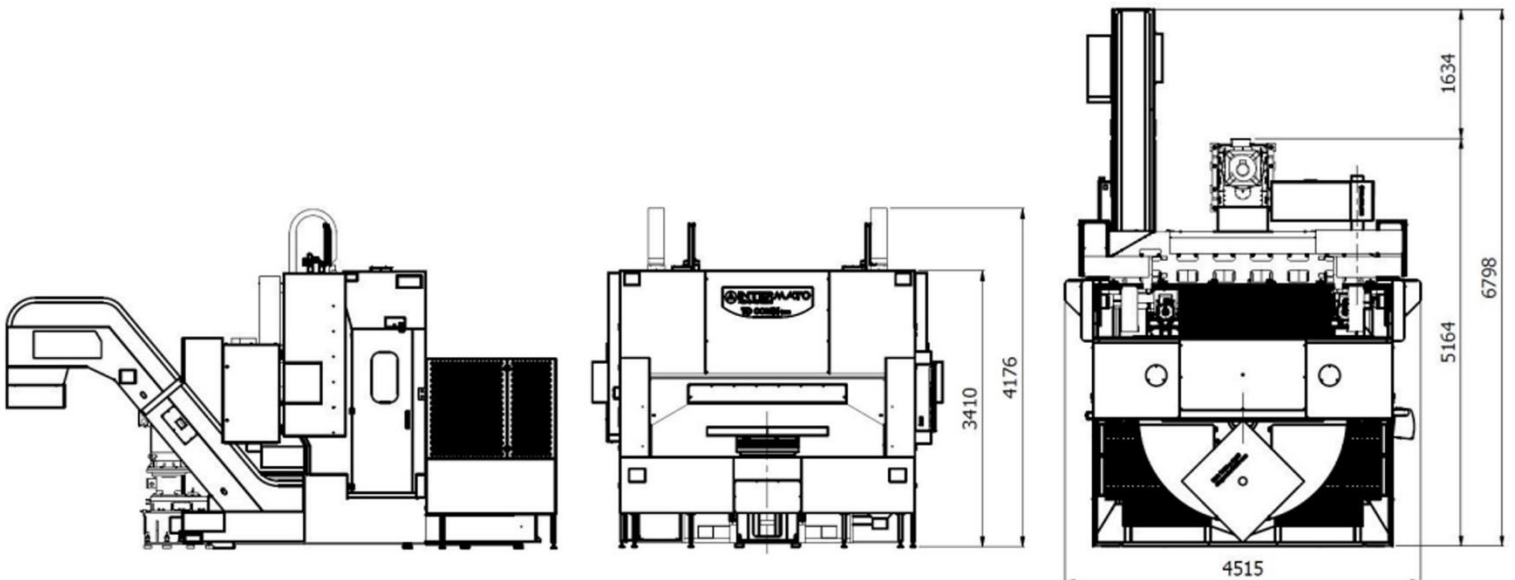
TOOL CHANGER TILT HEAD X2  
PART SCANNER COMPENSATION



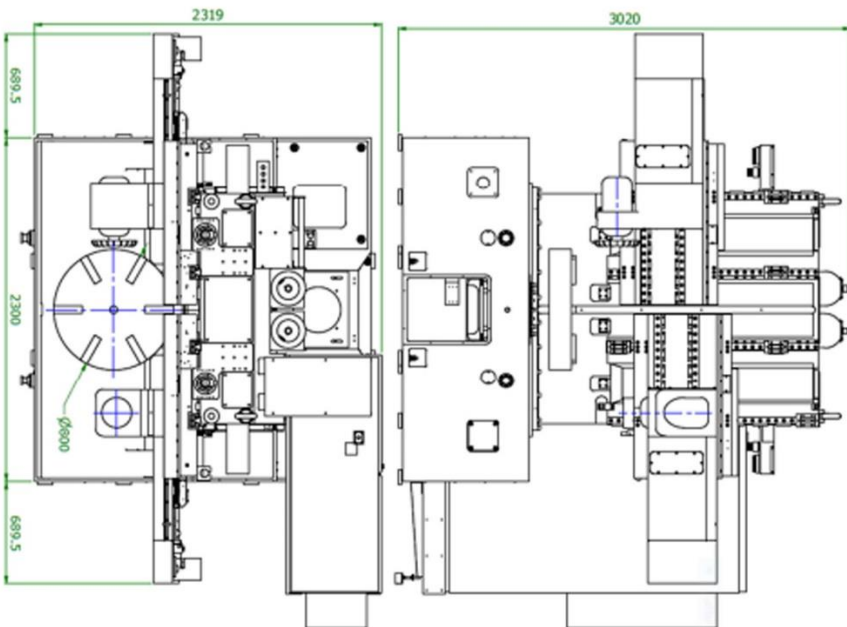
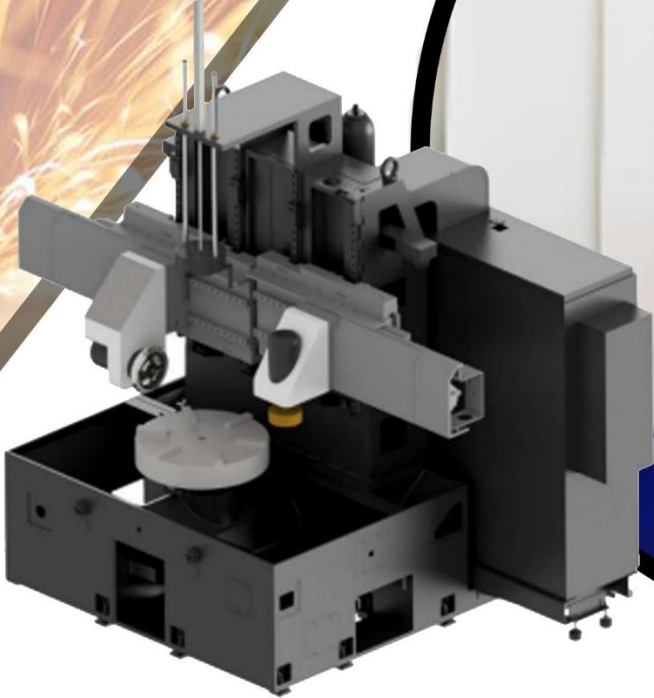
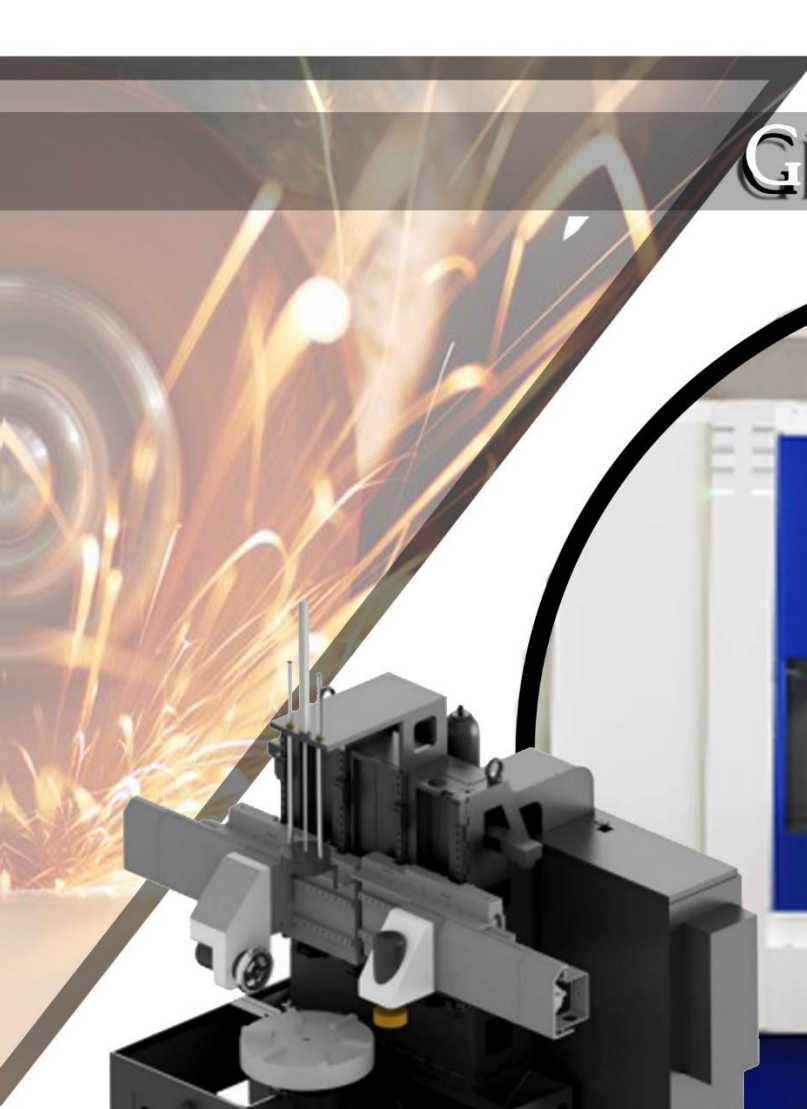
## WORKING AREA



Working Capacity	Max admitted diameter	1.560 mm
	Pallet positions	Max. load 1500 + 1500 kg
Spindle	Power	60kW (S1) - 75kW (S3 60%)
	Max. Torque with gear box	6.000 Nm
	Speed	Max. 700 rpm - 1.200 rpm optional
Slides	Number of cross-shaped slides	1
	Vertical stroke Z1 axis	730 mm
	Horizontal Stroke X1 axis	750 mm
	Rapid axis speed	30 000 mm / min
General Data & Utility	Total weight of Machine	20.000 kg
	Crash	Self check / Detection
	Spindle vibration / thermal analysis	Included
	Safety Guards	Full Closed



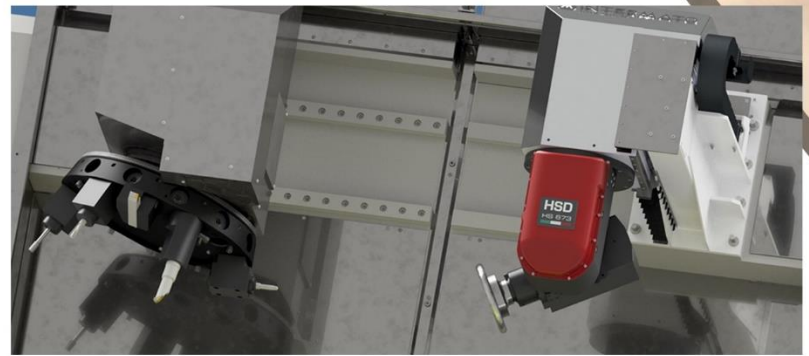
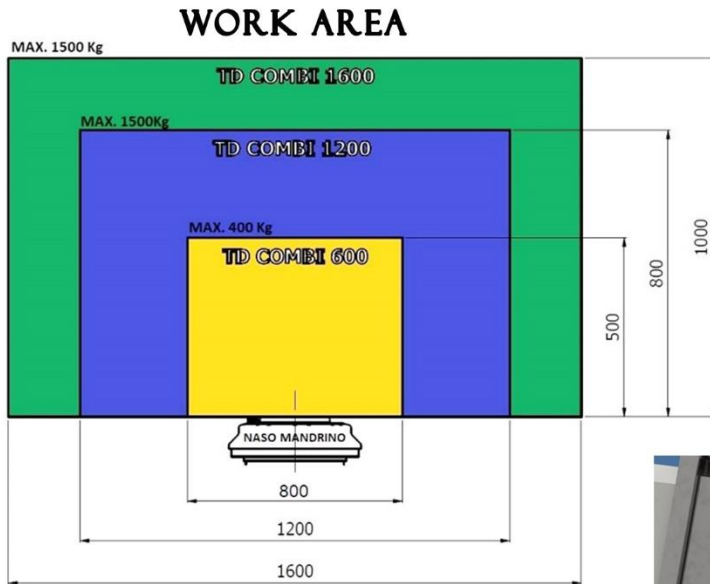
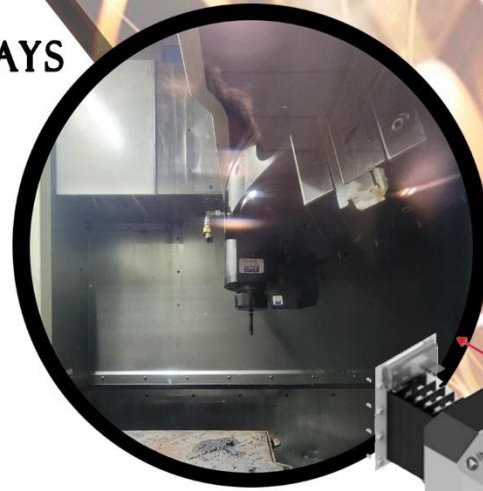
# GD T4 - DRUM LINE



Working Capacity	Max. admitted diameter	790 mm
	Max. weight on spindle	250 kg
	Max. spindle speed (RPM)	2.500
Spindle	Power	60kW (S1) - 75kW (S3 60%)
Slides	Number of cross slides	2
	Z axis Vertical travel	650 mm
	X axis Horizontal travel	500 mm
	Rapid feed	30.000 mm/1
General Data	Electro spindle	30 kW
	Total Weight of Machine	14.000 kg

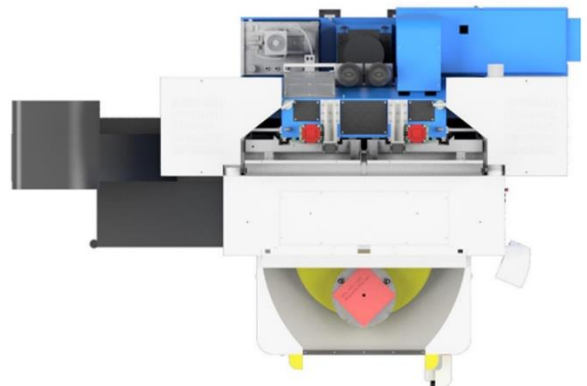
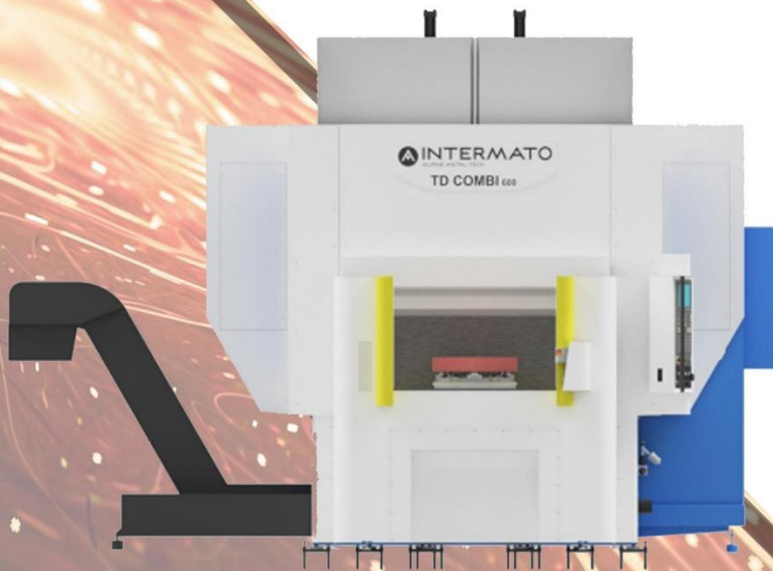
# GRINDING MACHINE - TD COMBI

MACHINE INSTALLATION IN 2 TO 3 DAYS  
FOR STEEL, CAST IRON AND  
ALUMINUM ALLOYS



\* TD COMBI 600 (Kg 400 +400: massimo carico ammissibile dal pallet inclusa attrezzatura)  
\* TD COMBI 1200 e 1600 (Kg 1500 + 1500: massimo carico ammissibile dal pallet inclusa attrezzatura)

**TOOL CHANGER  
HEAD + TILT HEAD AND  
PART SCANNER COMPENSATION**

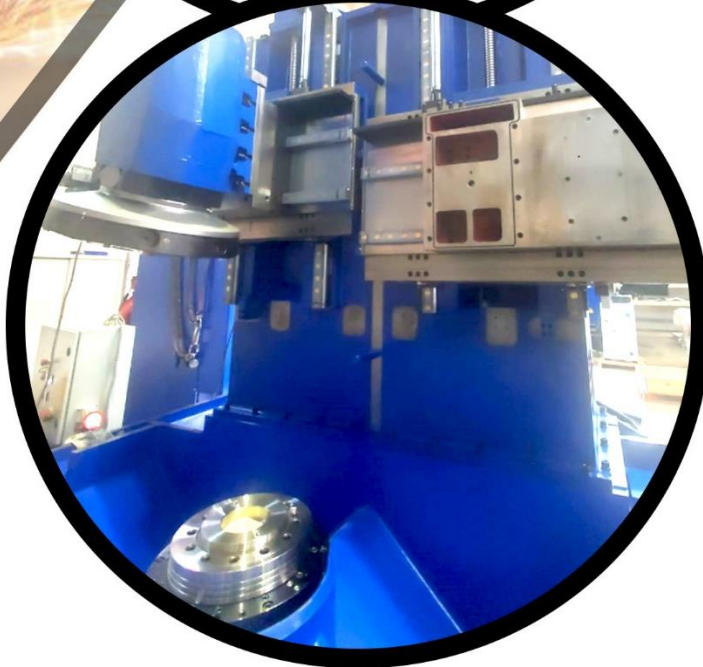


# TD COMBI - 600

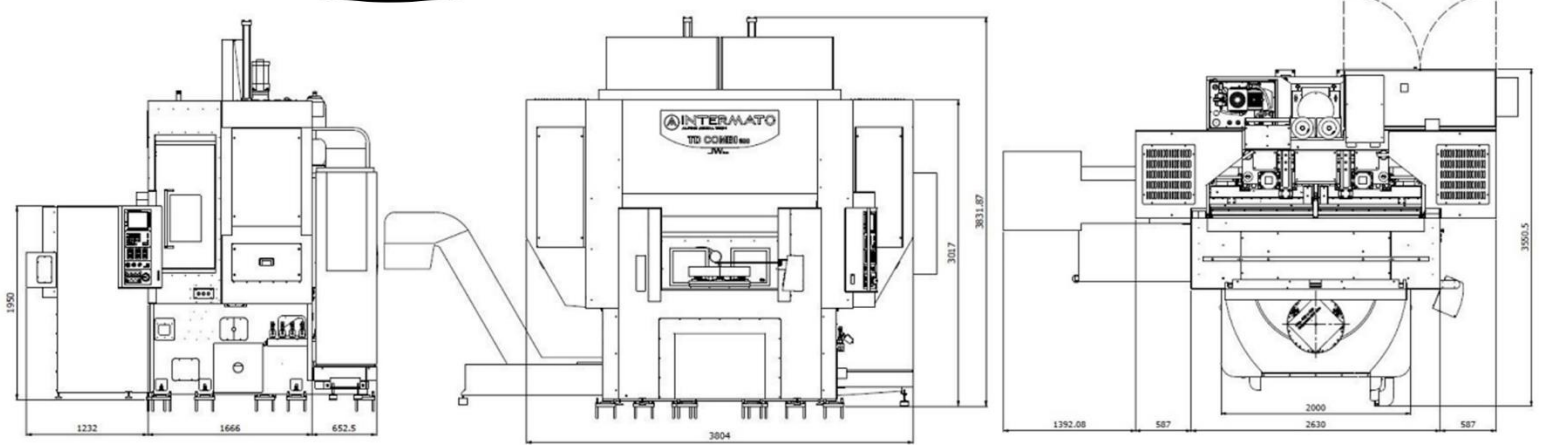
**MACHINE INSTALLATION IN 2 DAYS**

**FOR STEEL, CAST IRON AND ALUMINUM ALLOYS**

**TOOL CHANGER HEAD + TILT HEAD AND PART SCANNER COMPENSATION**



Working Capacity	Max. admitted diameter	800 mm
	Pallet Positions	Max. load 400 + 400 kg
Spindle	Power	60kW (S1) - 75kW (S3 60%)
	Max. torque with gear box	6.000 Nm
	Max. spindle speed (RPM)	Max 700 rpm - 1.200 rpm optional
Slides	Number of cross slides	1
	Vertical stroke Z axis	650 mm
	Horizontal stroke X axis	500 mm
	Rapid feed	30.000 mm/min
Tool holder turrets	Number of turrets	1 : 8 positions
	Driven Tools	11 kW - 4.000 rpm
	Tool length	Max. 300 mm
	Interface standard	VDI40 (VDI50)
General Data	Total Weight of Machine	14.000 kg
Utility	Crash	Self check / Detection
	Spindle Vibration and Thermal analysis	Included
	Safety Guard	Full Closed

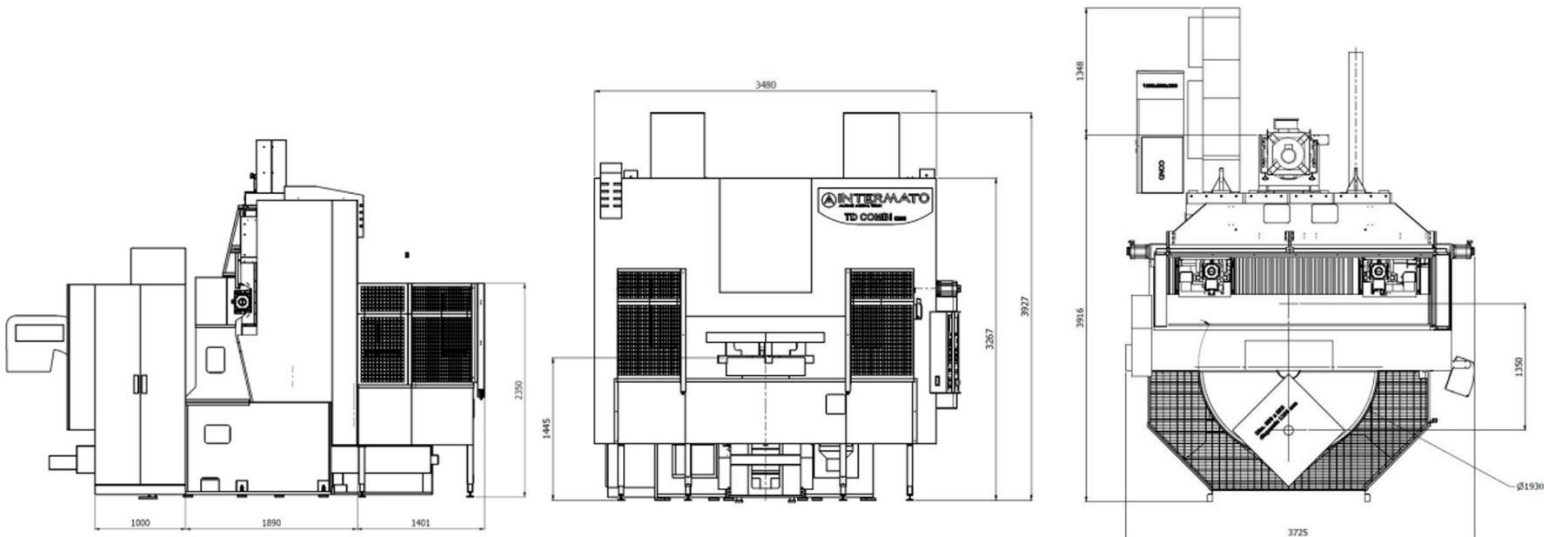
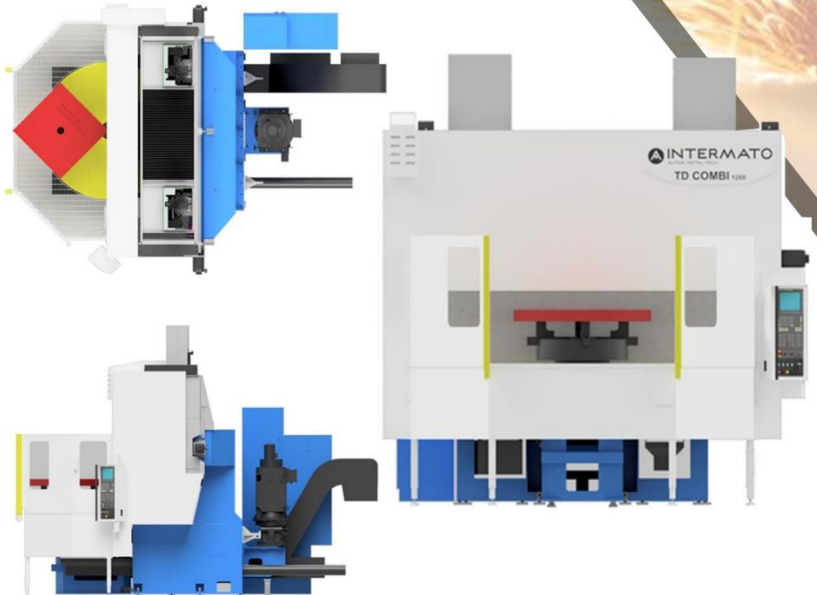


# TD COMBI - 1200

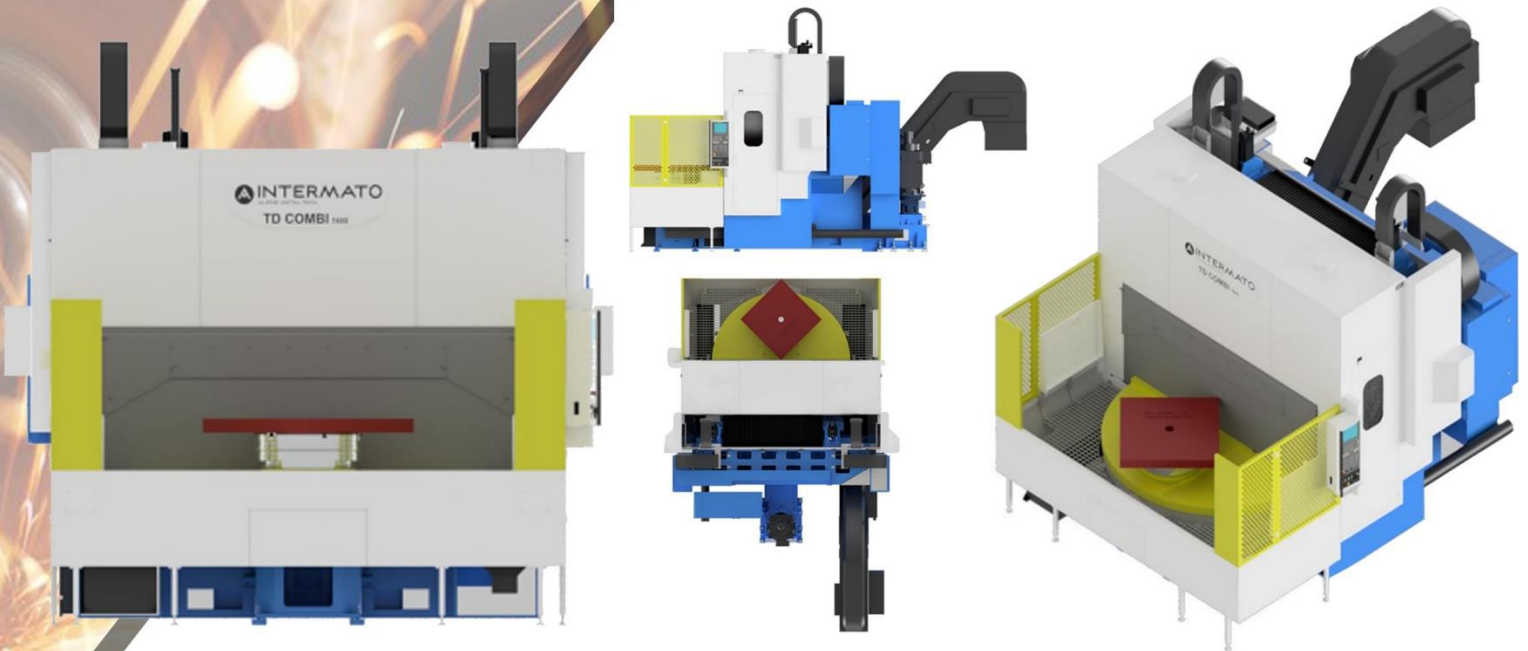


**MACHINE INSTALLATION IN 3 DAYS**  
**FOR STEEL, CAST IRON AND ALUMINUM ALLOYS**  
**TOOL CHANGER HEAD + TILT HEAD**  
**PART SCANNER COMPENSATION**

Working Capacity	Max. admitted diameter	1 200 mm
	Pallet Positions	Max. load 1500 + 1500 kg
Spindle	Power	60kW (S1) - 75kW (S3 60%)
	Max. torque with gear box	6.000 Nm
	Max. spindle speed (RPM)	Max 700 rpm - 1.200 rpm optional
Slides	Number of cross slides	1
	Vertical stroke Z axis	650 mm
	Horizontal stroke X axis	650 mm
	Rapid feed	30.000 mm/min
General Data	Total Weight of Machine	19.000 kg
	Crash	Self check / Detection
Utility	Spindle Vibration and Thermal analysis	Included
	Safety Guard	Full Closed



# TD COMBI - 1600

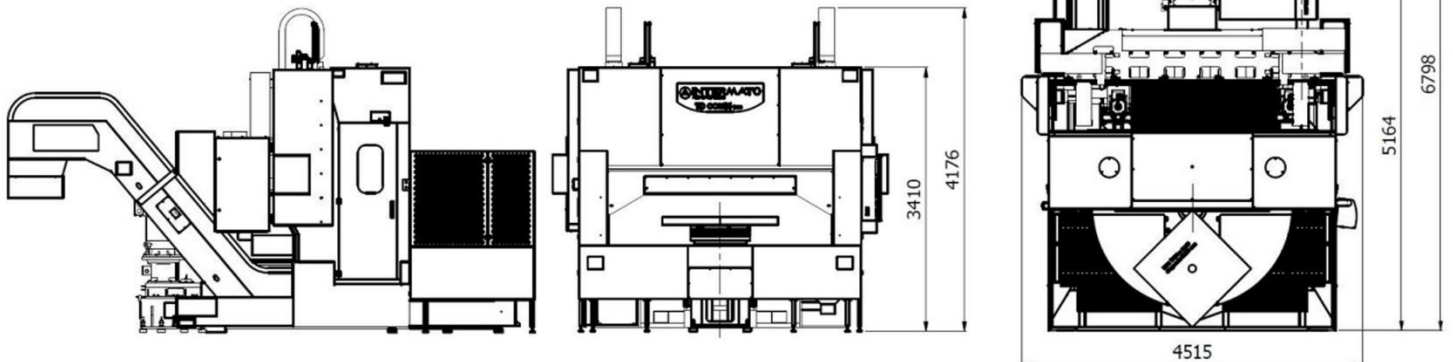


Working Capacity	Max. admitted diameter	1560 mm
	Pallet Positions	Max. load 1500 + 1500 kg
Spindle	Power	60kW (S1) - 75kW (S3 60%)
	Max. torque with gear box	6.000 Nm
	Max. spindle speed (RPM)	Max 700 rpm - 1.200 rpm optional
Slides	Number of cross slides	1
	Vertical stroke Z axis	730 mm
	Horizontal stroke X axis	750 mm
	Rapid feed	30.000 mm/min
Tool holder turrets	Number of turrets	1 ; 12 positions
	Driven Tools	11 kW - 4.000 rpm
	Tool length	Max. 300 mm
	Interface standard	VDI50 (VDI60)
General Data	Total Weight of Machine	20.000 kg
Utility	Crash	Self check / Detection
	Spindle Vibration and Thermal analysis	Included
	Safety Guard	Full Closed

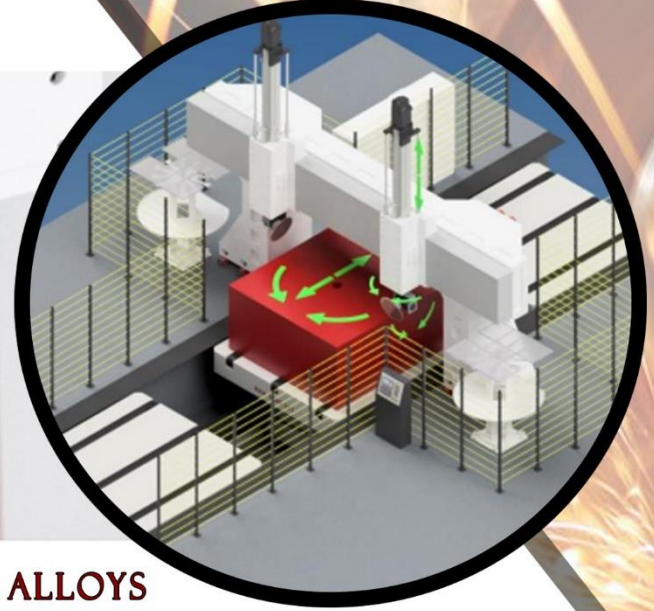
**MACHINE INSTALLATION IN 3 DAYS**

**FOR STEEL, CAST IRON  
AND ALUMINUM ALLOYS**

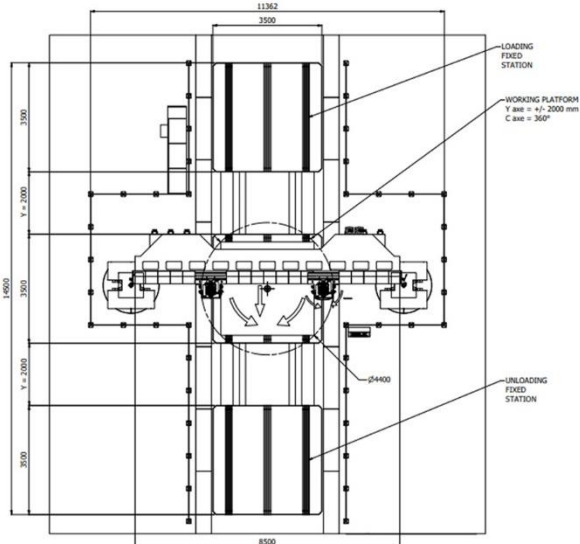
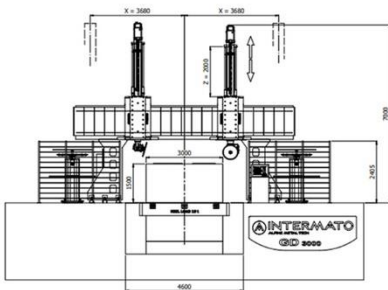
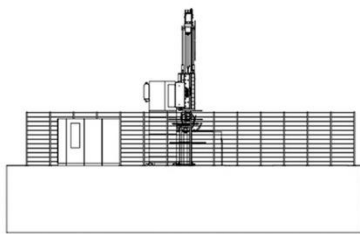
**TOOL CHANGER  
HEAD + TILT HEAD AND  
PART SCANNER COMPENSATION**



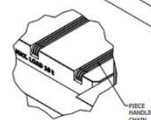
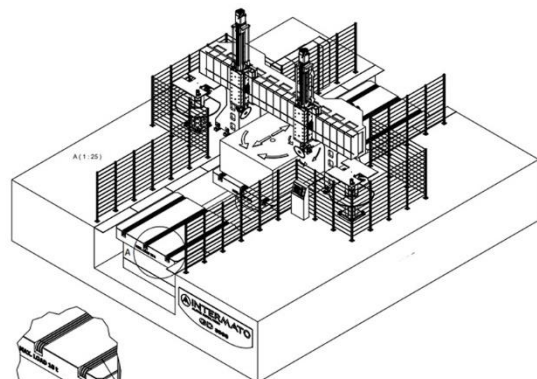
# GRINDING MACHINE - GD 3000



**FOR STEEL, CAST IRON AND ALUMINUM ALLOYS**



Working capacity:		
Table	mm	3.500 x 3.500
Max. swing dia.	mm	4.300
Max. weight of work piece	Ton	10
Max. height of piece with standard grinding wheel	mm	1.500
No. 2 Vertical RAM slides:		
RAM section	mm	300x300
"Z2 and Z2" axis Vertical travel	mm	2.000
"X1 and X2" axis Horizontal travel	mm	3.680
No.2 Tool positions magazine, disc type	No.	6+6
Rapid feed	mm/1	20.000
No. 2 Tilting working heads:		
Cone type		HSK-100
Tilting inclination		+/- 100 °
Angular rotation		+/- 100 °
Grinding/Deburring Electro-spindle max. power	kW	100
Max. Grinding/Deburring Electro-spindle rotation speed	rpm	6.000
Deburring/Rise Cutting Electro-spindle max. power	kW	80
Deburring/Rise Cutting Electro-spindle rotation speed	rpm	12.000
No. 1 table with Y axis and rotary "C" axis		
"Y" axe longitudinal travel	mm	-2.000/+2.000
"C" axis rotation speed	rpm	2
Total weight of machine	kg	100.000

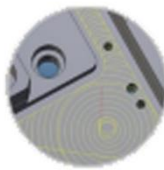
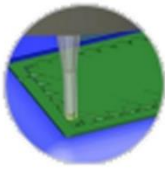
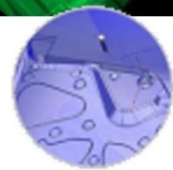
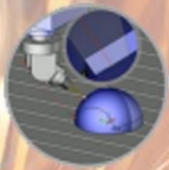
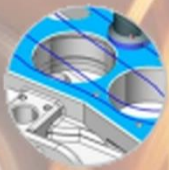




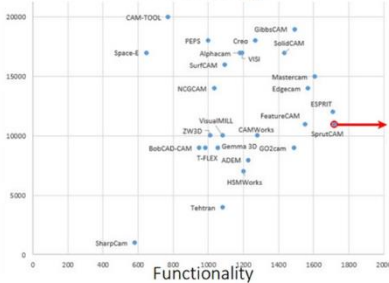
# PROGRAMMING SCANNER & CAM SOFTWARE

## 4D Vision Technology

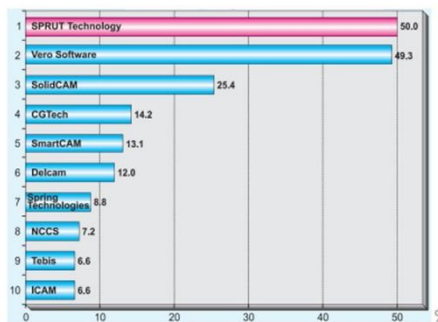
4D Vision technology is AI taught to see the world like humans do. With simple 2D cameras, we create 3D understanding that identifies objects and guides robots with speed, precision and reliability.



CAM rating \*



#1 fastest growing CAM vendor of the world \*



\* Based on CIMdata's data and analyses

## CAM Software Solution for Your Manufacturing Needs

2.5 Axis Milling

3 Axes milling

Fourth continuous axis

5 Axes Positioned

5 Continuous Axes

Turning

Motorized turning

Multi-Tasking Machine

Robotics

# DANTE OFFICIAL PARTNER WITH INTERMATO



## CHOSE PRECISION CHOSE DANTE



CONSULTING



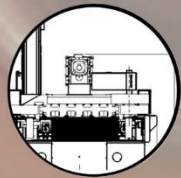
SERVICE  
MAINTENANCE



SPARE PARTS



TRAINING



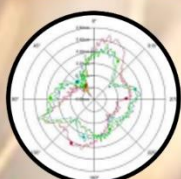
ARQUITECTURE



INSTALLATION OF  
NEW EQUIPMENT



PREDICTIVE  
MAINTENANCE  
DATA MONITORING



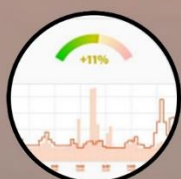
PREDICTIVE  
MAINTENANCE  
DATA ANALYSIS



DATA SAVE



REMOTE  
ACCESS



MONITORED  
DATA



MACHINE & SERVICE

CHOSE PRECISION CHOSE DANTE

OFFICIAL MEMBERS





MACHINE & SERVICE

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