

## Machineering at its **Best**

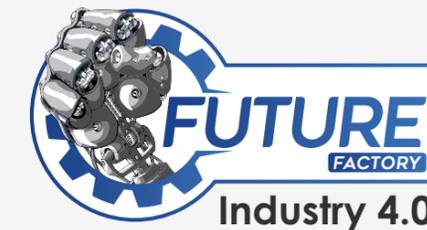


**Jaewoo Machines Pvt. Ltd.**

(Formerly known as J.V. Exports)

📍 Chandigarh Road, HB - 225, Village -Jandiali, Distt. Ludhiana - 141112, Punjab, India

☎ +91 8484000003 | ✉ info@jaewoomachines.com | 🌐 www.jaewoomachines.com



## Machineering at its **Best**

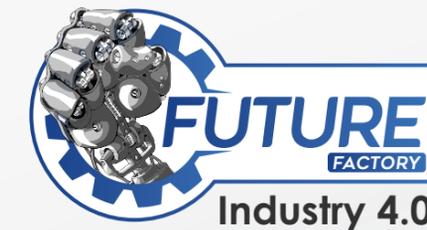


**Jaewoo Machines Pvt. Ltd.**

(Formerly known as J.V. Exports)

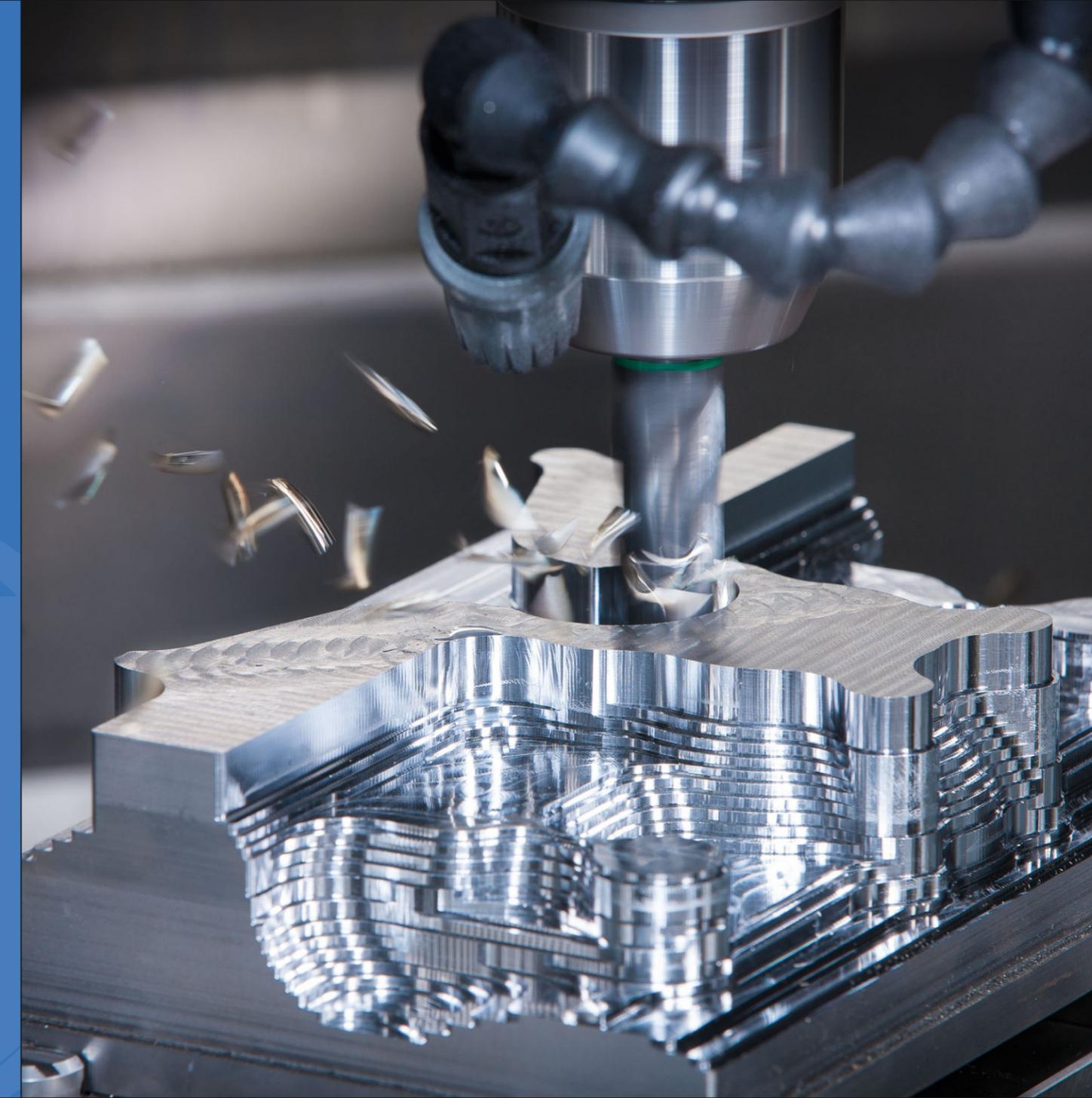
📍 Chandigarh Road, HB - 225, Village -Jandiali, Distt. Ludhiana - 141112, Punjab, India

☎ +91 8484000003 | ✉ info@jaewoomachines.com | 🌐 www.jaewoomachines.com



# Index

Title	Page. No.
1. Vision Mission Values (VMV)	1
2. Why Jaewoo	2
3. Our Journey of Machineering	3-4
4. Industries Serving	5
5. Our Plant	6
6. Our Product Range	7-21
7. Our Presence	22
8. Our Clients	23
9. Technology Partners	24
10. Jaewoo Series	25-27



## About Us

Jaewoo is one of the leading brand name in the manufacturing of CNC, VMC, HMC with PAN India presence. We are ranked among Top 10 manufacturer in India and have a wide network of sales and service across all major cities. With a humble beginning in 1988, we have come a long way and optimize our product offerings and our production facilities to meet customer demands.

### Vision

We will have 5000 machines installation with best ROI for our customers by 31st March 2025

### Mission

To provide Technology Solutions for our customers and help them grow

### Values

Innovation  
Quality  
Integrity  
Growth

## Why Jaewoo

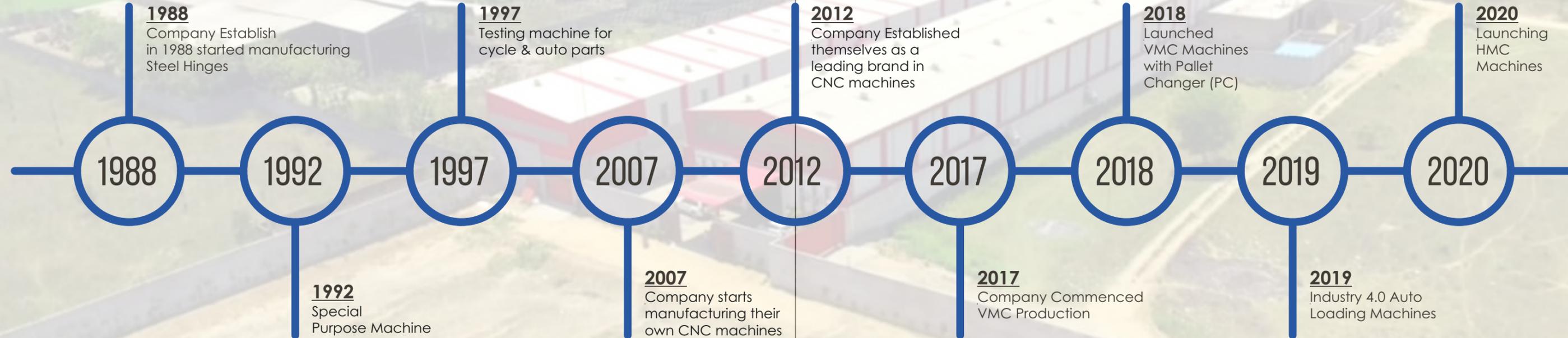
Jaewoo as a reputed brand has established a strong presence in the market. The business works hard to deliver the best quality products. Each ready product is put through stringent quality checks to ensure that it meets the highest standards possible. With high grade cast iron for highest rigidity, It is filled with a special epoxy '**Harcrete**' for vibration damping to enable heavy cuts for best surface finish & tool life. Thermostable technology results in Minimal Thermal Growth of Ballscrew. This ensures no variation in size after machine is re-started after stoppage.



## Jaewoo Advantages

- Heavy rate of metal removal
- Better surface furnish & longer tool life
- Better positioning and repeatability resulting in close tolerances on job
- Much longer service life with original accuracy
- Widest range of models are also available with customized solutions. All ART+ Series models are available in turnmill centre version.

## Our Journey of Machineering



# Industries **Serving**

Aeronautical Industry



Medical Industry



Oil & Energy



Automotive Industry



Fitting & Sensor Industry



Defence Industry



Agricultural Industry



Railway Industry



General Machinery



## Our **Plant**



## Unit-1



## Unit-2



# Our Product Range

## Art 135

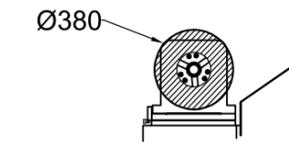
### SPECIFICATIONS

STD. TURNING DIA	120 mm
MAX. TURNING DIA	135 mm
MAX TURNING LENGTH	100 mm
TRAVEL X / Z	250/110 mm
RAPID FEED X/Z	25 m/min
CHUCK SIZE	135 mm
SPINDLE POWER	3.7/5.5 kw
SPINDLE BORE	38 mm
SPINDLE NOSE	A2-4
WEIGHT (APPROX)	2050 kg
DIM. (LxWxH)	1700x1200x1700 mm

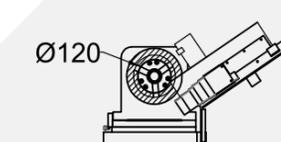


### CAPACITY DIAGRAM

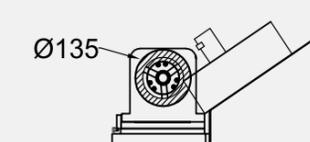
#### SWING OVER BED



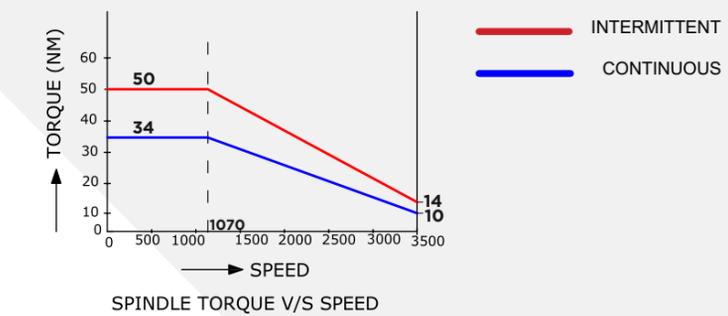
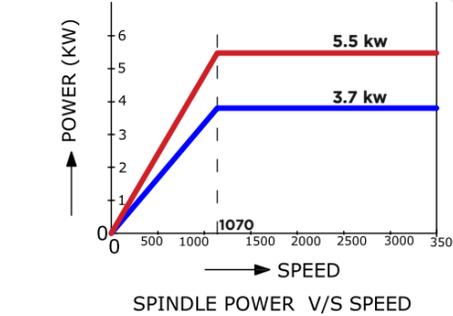
#### SWING OVER CARRIAGE



#### MAXIMUM TURNING DIA



### POWER DIAGRAM



## Art 200+

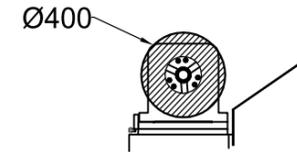
### SPECIFICATIONS

STD. TURNING DIA	135 mm
MAX. TURNING DIA	150 mm
MAX TURNING LENGTH	160 mm
TRAVEL X / Z	420/210 mm
RAPID FEED X/Z	25 m/min
CHUCK SIZE	165 mm
SPINDLE POWER	3.7/5.5 kw
SPINDLE BORE	41 mm
SPINDLE NOSE	A2-5
WEIGHT (APPROX)	2500 kg
DIM. (LxWxH)	1900x1350x1750 mm

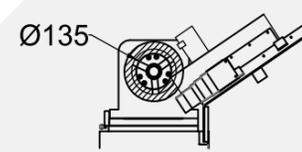


### CAPACITY DIAGRAM

SWING OVER BED



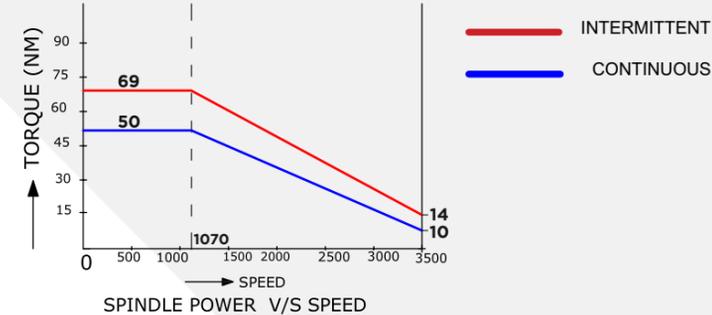
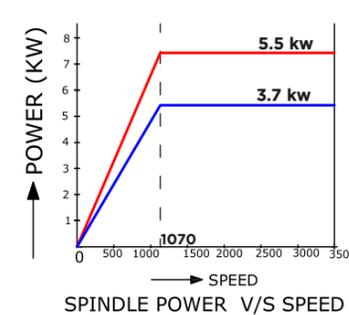
SWING OVER CARRIAGE



MAXIMUM TURNING DIA



### POWER DIAGRAM



## Art 200S+

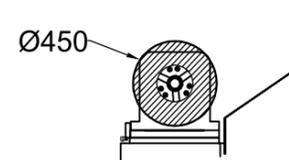
### SPECIFICATIONS

STD. TURNING DIA	150 mm
MAX. TURNING DIA	180 mm
MAX TURNING LENGTH	150 mm
TRAVEL X / Z	420/200 mm
RAPID FEED X/Z	25 m/min
CHUCK SIZE	200 mm
SPINDLE POWER	5.5/7.5 kw
SPINDLE BORE	50 mm
SPINDLE NOSE	A2-6
WEIGHT (APPROX)	2700 kg
DIM. (LxWxH)	1900x1350x1750 mm

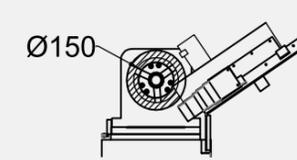


### CAPACITY DIAGRAM

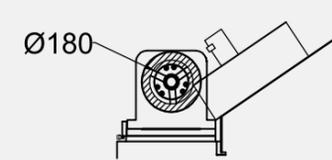
SWING OVER BED



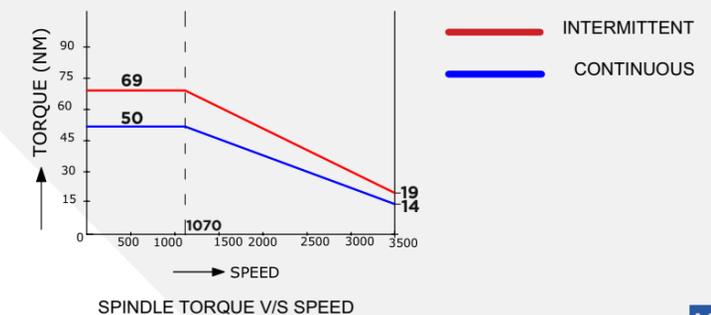
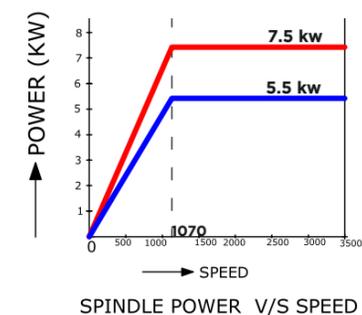
SWING OVER CARRIAGE



MAXIMUM TURNING DIA



### POWER DIAGRAM



## Twin G-165

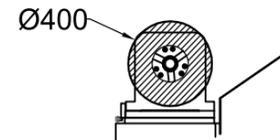
### SPECIFICATIONS

STD. TURNING DIA	135 mm
MAX. TURNING DIA	150 mm
MAX TURNING LENGTH	160 mm
TRAVEL X / Z	400/470 mm
RAPID FEED X/Z	25 m/min
CHUCK SIZE	165 mm
SPINDLE POWER	3.7/5.5 kw
SPINDLE BORE	41 mm
SPINDLE NOSE	A2-5
WEIGHT (APPROX)	4000 kg
DIM. (LxWxH)	2630X1735X2040 mm

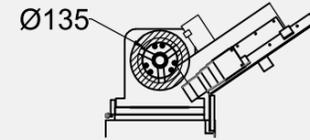


### CAPACITY DIAGRAM

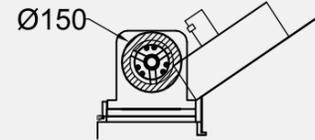
#### SWING OVER BED



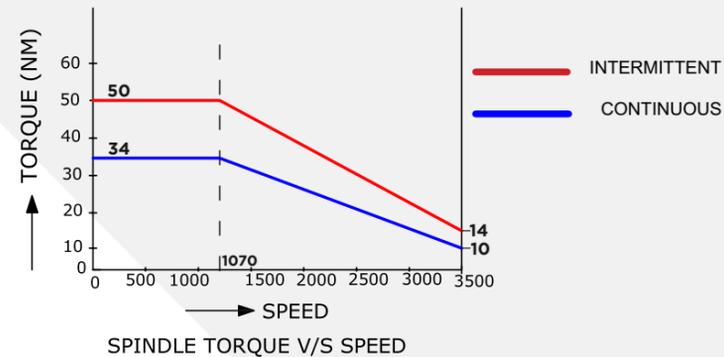
#### SWING OVER CARRIAGE



#### MAXIMUM TURNING DIA



### POWER DIAGRAM



## Twin G-200

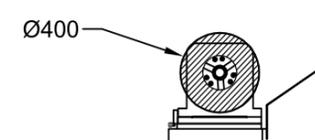
### SPECIFICATIONS

STD. TURNING DIA	145 mm
MAX. TURNING DIA	180 mm
MAX TURNING LENGTH	160 mm
TRAVEL X / Z	400/450 mm
RAPID FEED X/Z	25 m/min
CHUCK SIZE	200 mm
SPINDLE POWER	5.5/7.5 kw
SPINDLE BORE	51 mm
SPINDLE NOSE	A2-6
WEIGHT (APPROX)	4200 kg
DIM. (LxWxH)	2630X1735X2040 mm

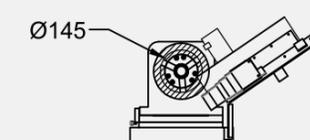


### CAPACITY DIAGRAM

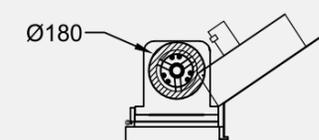
#### SWING OVER BED



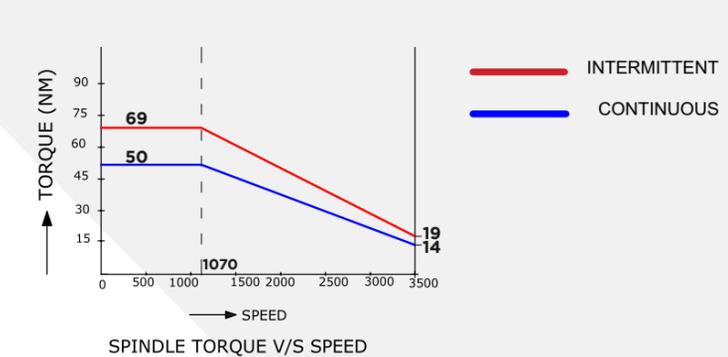
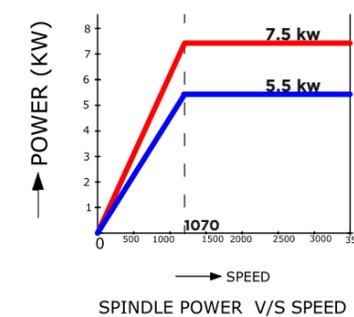
#### SWING OVER CARRIAGE



#### MAXIMUM TURNING DIA



### POWER DIAGRAM

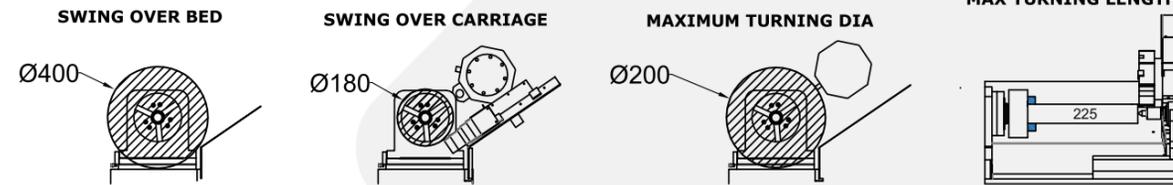


## Art 250+

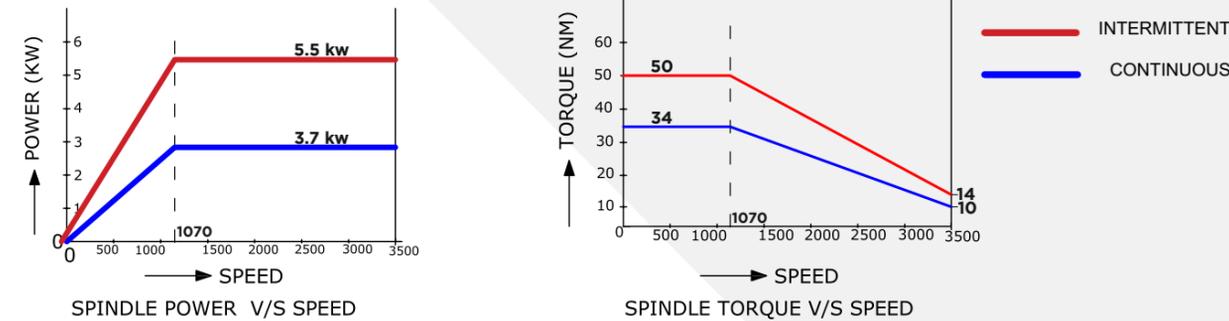
### SPECIFICATIONS

STD. TURNING DIA	170 mm
MAX. TURNING DIA	200 mm
MAX TURNING LENGTH	400 mm
TRAVEL X / Z	170/250 mm
RAPID FEED X/Z	25 m/min
CHUCK SIZE	165 mm
SPINDLE POWER	3.7/5.5 kw
SPINDLE BORE	41 mm
SPINDLE NOSE	A2-5
WEIGHT (APPROX)	2900 kg
DIM. (LxWxH)	1935X1620X1925 mm

### CAPACITY DIAGRAM



### POWER DIAGRAM



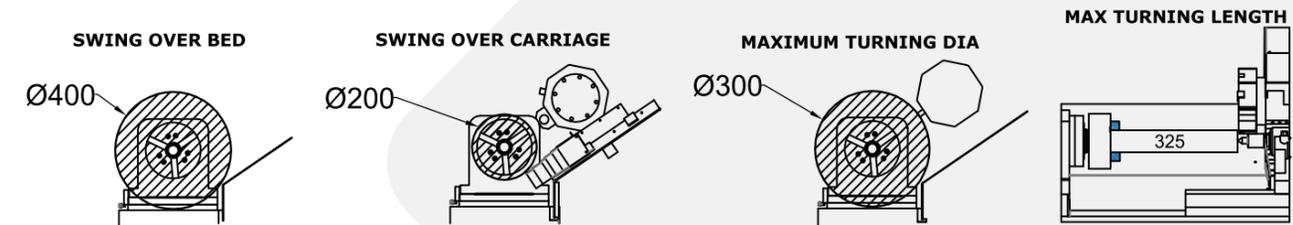
## Art 350S+

### SPECIFICATIONS

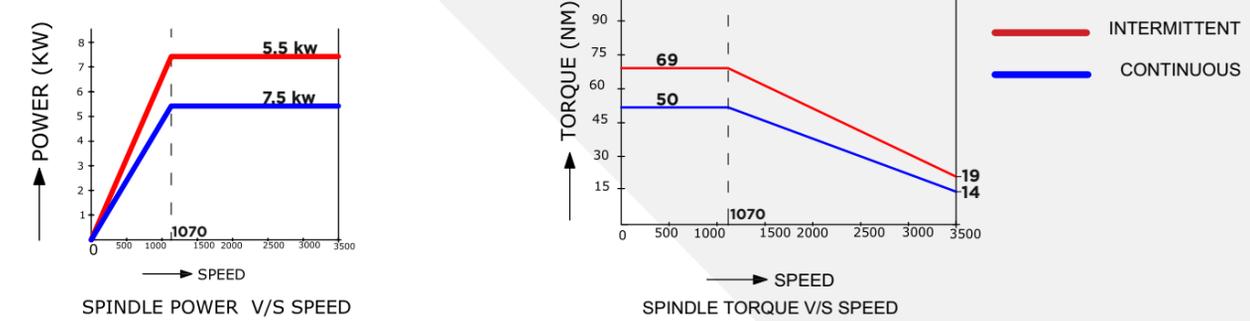
STD. TURNING DIA	200 mm
MAX. TURNING DIA	300 mm
MAX TURNING LENGTH	325 mm
TRAVEL X / Z	180/350 mm
RAPID FEED X/Z	25 m/min
CHUCK SIZE	200 mm
SPINDLE POWER	5.5/7.5 kw
SPINDLE BORE	50 mm
SPINDLE NOSE	A2-6
WEIGHT (APPROX)	3500 kg
DIM. (LxWxH)	2365x1570x2000 mm



### CAPACITY DIAGRAM



### POWER DIAGRAM



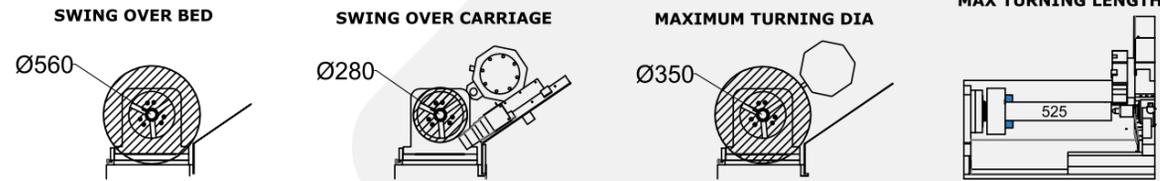
## Art 550+

### SPECIFICATIONS

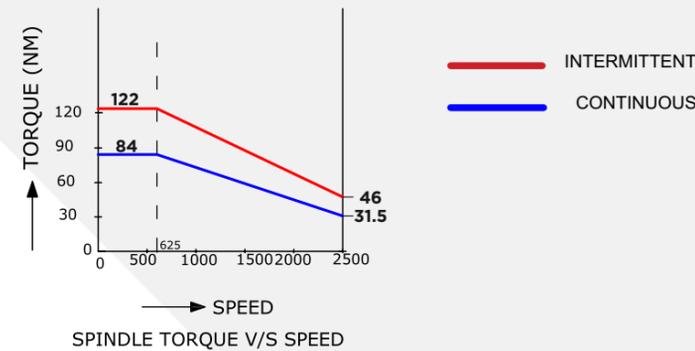
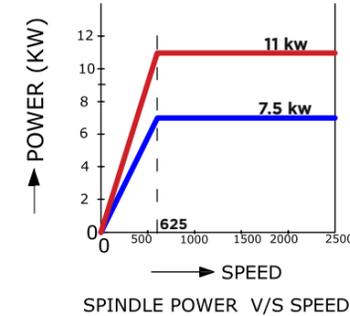
STD. TURNING DIA	280 mm
MAX TURNING DIA	350 mm
MAX TURNING LENGTH	525 mm
TRAVEL X / Z	250/550 mm
RAPID FEED X/Z	25 m/min
CHUCK SIZE	200 mm
SPINDLE POWER	7.5/11 kw
SPINDLE BORE	63 mm
SPINDLE NOSE	A2-6
WEIGHT (APPROX)	4300 kg
DIM. (LxWxH)	2540x1640x2060 mm



### CAPACITY DIAGRAM



### POWER DIAGRAM



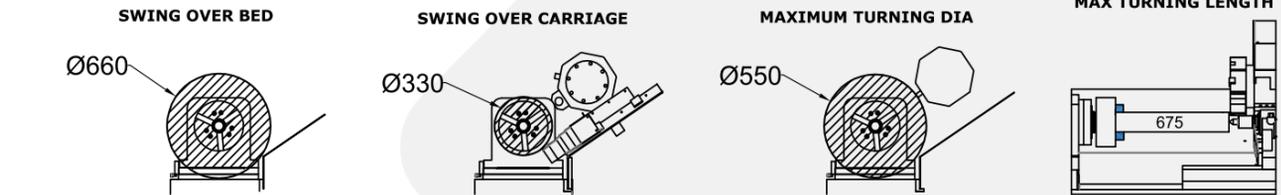
## Art 700+

### SPECIFICATIONS

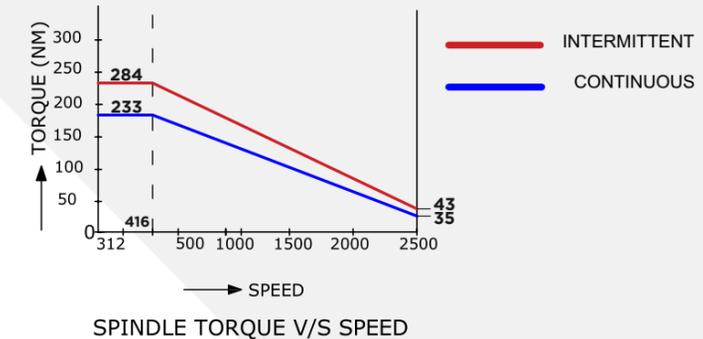
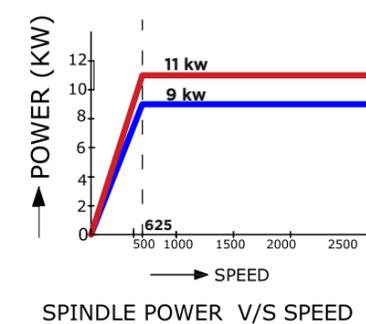
STD. TURNING DIA	330 mm
MAX TURNING DIA	550 mm
MAX TURNING LENGTH	700 mm
TRAVEL X / Z	320/750 mm
RAPID FEED X/Z	25 m/min
CHUCK SIZE	250/300 mm
SPINDLE POWER	9.0/11.0 kw
SPINDLE BORE	85 mm
SPINDLE NOSE	A2-8
WEIGHT (APPROX)	5500 kg
DIM. (LxWxH)	2700x1800x1900 mm



### CAPACITY DIAGRAM



### POWER DIAGRAM



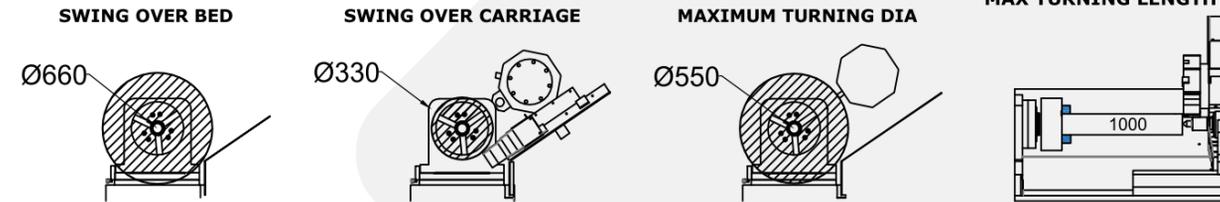
## Art 1000+

### SPECIFICATIONS

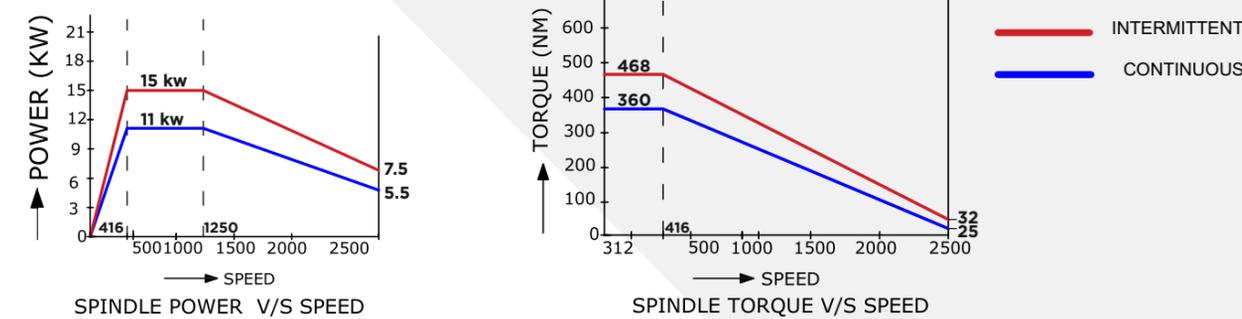
STD. TURNING DIA	330 mm
MAX TURNING DIA	550 mm
MAX TURNING LENGTH	1000 mm
TRAVEL X / Z	320/1050 mm
RAPID FEED X/Z	20 m/min
CHUCK SIZE	300 mm
SPINDLE POWER	11.0/15.0 kw
SPINDLE BORE	85 mm
SPINDLE NOSE	A2-8
WEIGHT (APPROX)	5500 kg
DIM. (LxWxH)	3000x1800x1900 mm



### CAPACITY DIAGRAM



### POWER DIAGRAM



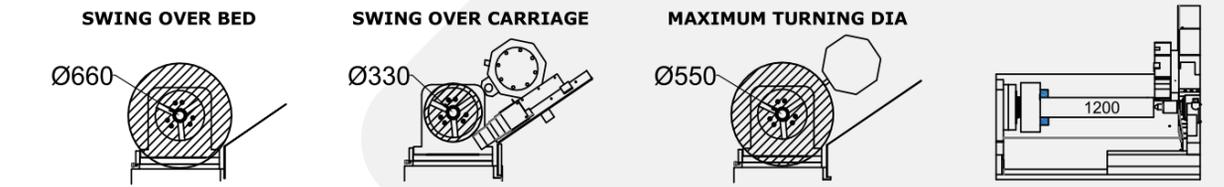
## Art 1200

### SPECIFICATIONS

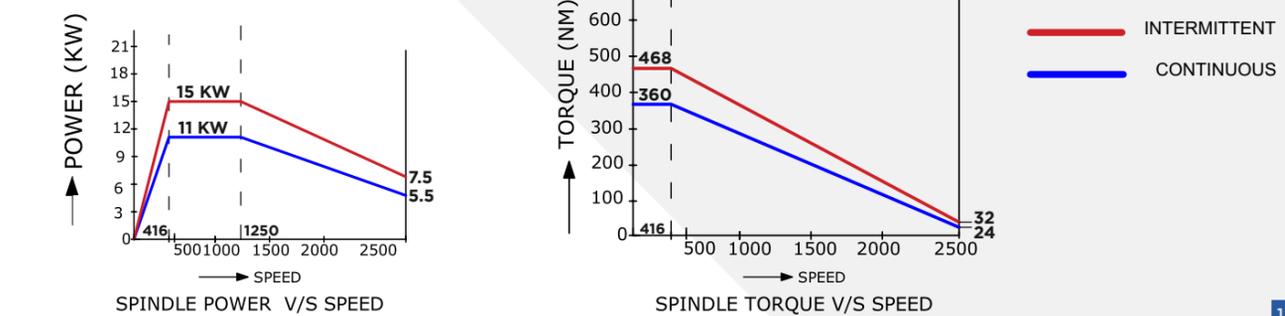
STD. TURNING DIA	330 mm
MAX TURNING DIA	550 mm
MAX TURNING LENGTH	1200 mm
TRAVEL X / Z	320/1250 mm
RAPID FEED X/Z	20 m/min
CHUCK SIZE	400 mm
SPINDLE POWER	11.0/15.0 kw
SPINDLE BORE	85 mm
SPINDLE NOSE	A2-8
WEIGHT (APPROX)	7000 kg
DIM. (LxWxH)	3000x1800x1900 mm



### CAPACITY DIAGRAM



### POWER DIAGRAM



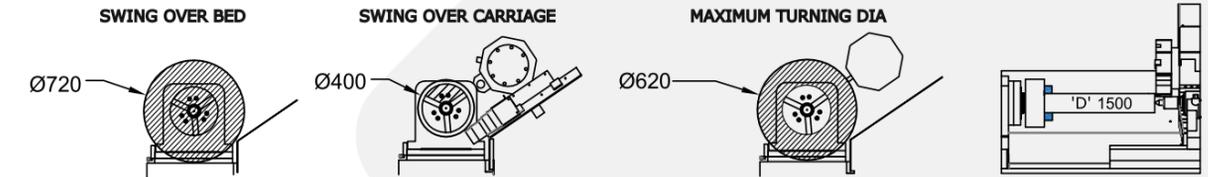
## Art 1500

### SPECIFICATIONS

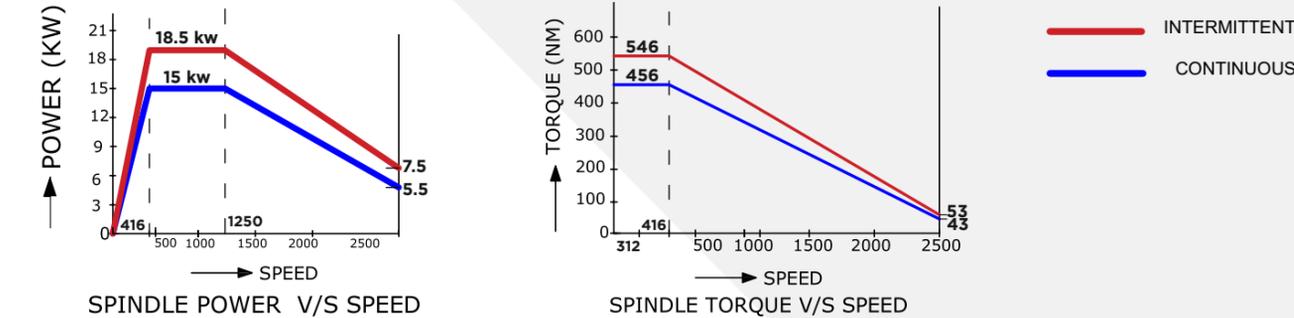
STD. TURNING DIA	400 mm
MAX. TURNING DIA	620 mm
MAX TURNING LENGTH	1500 mm
TRAVEL X / Z	320/1550 mm
RAPID FEED X/Z	20 m/min
CHUCK SIZE	400 mm
SPINDLE POWER	15.0/18.5 kw
SPINDLE BORE	85 mm
SPINDLE NOSE	A2-8
WEIGHT (APPROX)	8000 kg
DIM. (WxLxH)	3600x1800x1900 mm



### CAPACITY DIAGRAM



### POWER DIAGRAM



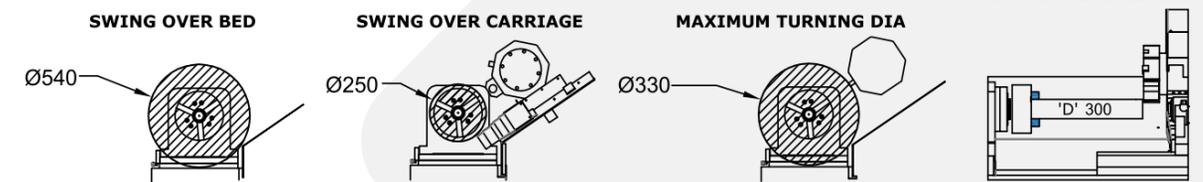
## Wheel Turn 350

### SPECIFICATIONS

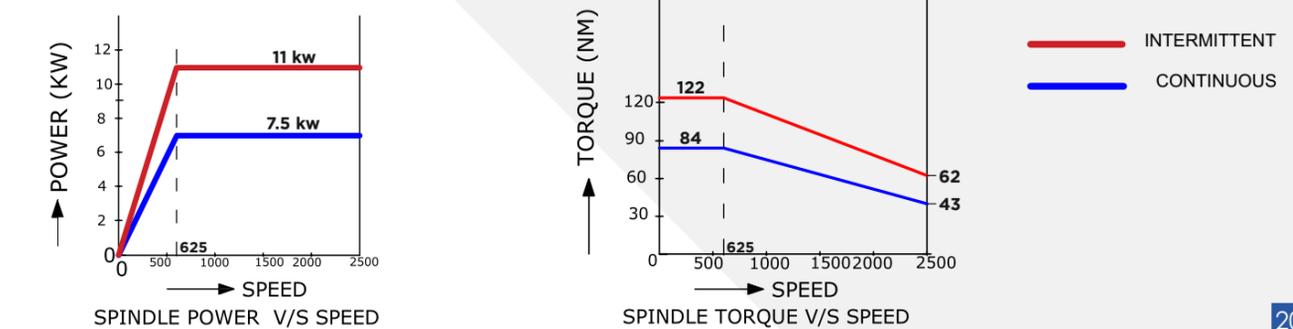
STD. TURNING DIA	250 mm
MAX. TURNING DIA	330 mm
MAX TURNING LENGTH	300 mm
TRAVEL X / Z	240/350 mm
RAPID FEED X/Z	25 m/min
CHUCK SIZE	250 mm
SPINDLE POWER	7.5/11.0 kw
SPINDLE BORE	63 mm
SPINDLE NOSE	A2-6
WEIGHT (APPROX)	4000 kg
DIM. (LxWxH)	2700x1800x1900 mm



### CAPACITY DIAGRAM



### POWER DIAGRAM



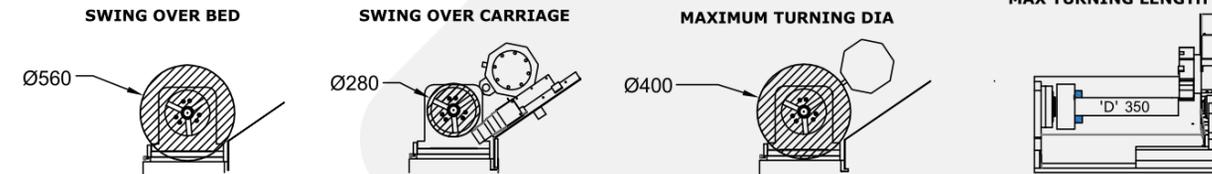
## Wheel Turn 450

### SPECIFICATIONS

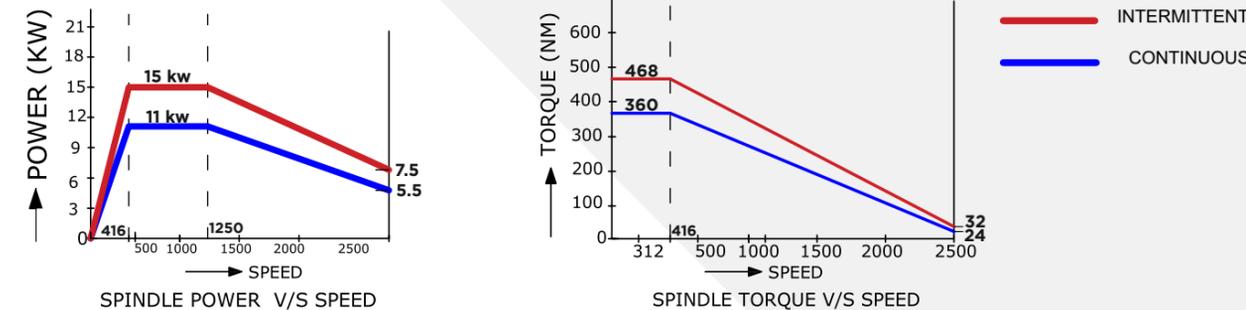
STD. TURNING DIA	280 mm
MAX .TURNING DIA	400 mm
MAX TURNING LENGTH	350 mm
TRAVEL X / Z	240/450 mm
RAPID FEED X/Z	25 m/min
CHUCK SIZE	300 mm
SPINDLE POWER	11.0/15.0 kw
SPINDLE BORE	85 mm
SPINDLE NOSE	A2-8
WEIGHT (APPROX)	5500 kg
DIM. (LxWxH)	2700x1800x1900 mm



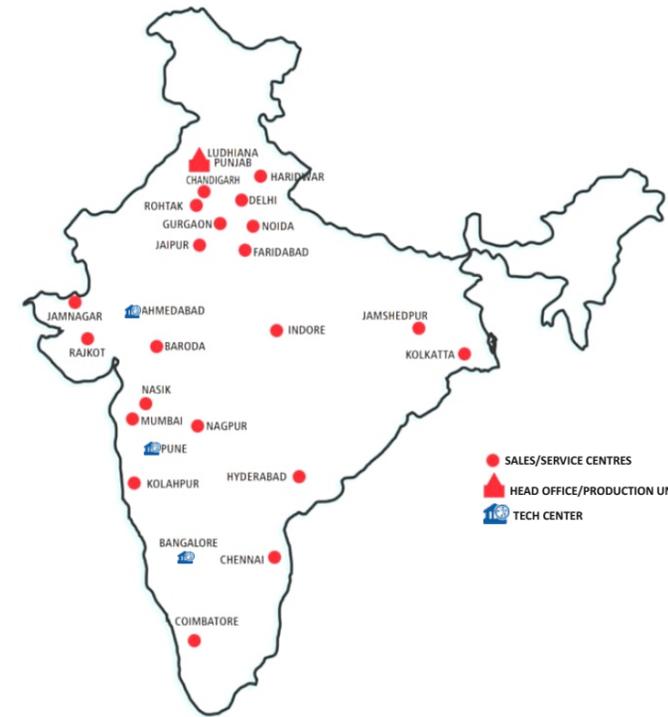
### CAPACITY DIAGRAM



### POWER DIAGRAM



## Our Presence



- Ludhiana
- Jalandhar
- Chandigarh
- Rohtak
- Delhi
- Noida
- Gurgaon
- Faridabad
- Haridwar
- Jaipur
- Bhiwadi
- Alwar
- Jamnagar
- Ahmedabad
- Rajkot
- Baroda
- Surendranagar
- Surat
- Vadodara
- Vapi
- Valsad
- Daman
- Indore
- Jamshedpur
- Kolkatta
- Nasik
- Mumbai
- Nagpur
- Pune
- Kolhapur
- Hyderabad
- Bangalore
- Chennai
- Coimbatore

## Our Clients



## Technology Partners



# Jaewoo Series

## Control System:

The CNC System offered with latest digital control from FANUC 0i TF PLUS or SIEMENS 808 and 828D

## Standard Features:

1. Monoblock Structure
2. 8-Station Bi-Directional Turret
3. L. M. Guideways
4. SIEMENS 808 and 828D
5. Hydraulic Chucking
6. Auto & Manual Coolant System
7. Centralised & Programmable Lubrication
8. Electrical with Quality Devices
9. Tailstock with Hydraulic Quill

## Optional from Jaewoo:

1. FANUC 0i TF PLUS CNC Systems
2. Gang Tooling
3. Chip Conveyor
4. Collet Chuck
5. Extra High Power Spindle Motors
6. Bar Feeder
7. Part Catcher
8. Live Tool
9. Tooling Up Solution
10. Extra Large Bore Spindle
11. Live Tail Stock Centre

SPECIFICATIONS	UNIT	ART 135	ART 200+	ART 200S+	TWIN G-165	TWIN G-200	ART 250+	ART 350S+	ART 550+	ART 700	ART 1000+	ART 1200	ART 1500	WHEEL TURN 350	WHEEL TURN 450
<b>BED TYPE</b>		True Slant Bed 34°	True Slant Bed 45°	True Slant Bed 45°	True Slant Bed 45°	True Slant Bed 45°	True Slant Bed 34°	True Slant Bed 34°	True Slant Bed 34°	True Slant Bed 30°	True Slant Bed 34°	True Slant Bed 34°			
MAX. SWING DIA OVER BED	MM	380	400	450	400	400	400	400	560	660	660	660	720	560	560
MAX. SWING DIA OVER CARRIAGE	MM	120	135	150	135	145	200	200	280	330	330	330	400	280	280
CHUCK SIZE	MM	135	165	200	165	200	165	200	200	250/300	300	400	400	250	300
MAX. TURNING DIA	MM	135	150	180	150	180	200	300	350	550	550	550	620	---	400
MAX. TURNING LENGTH WITH CHUCK	MM	100	160	150	160	160	250	325	525	700	1000	1200	1500	300	350
MAX. TURNING LENGTH BTW. CENTRE	MM	---	---	---	---	---	300	375	575	775	1050	1250	1550	--	---
<b>SLIDES</b>		---	---	---	---	---	---	---	---	---	---	---	---	---	---
X-AXIS TRAVEL/ Z-AXIS TRAVEL	MM	250/110	420/210	420/200	400/470	400/450	170/250	180/350	250/550	320/750	320/1010	320/1250	325/1550	240/350	240/450
RAPID	M/MIN	25	25	25	25	25	25	25	25	25	20	20	20	25	25
BALL SCREW	MM	25x10 c3 class	25x10 c3 class	32x10 c3 class	32x10 c3 class	32x10 c3 class	32x10 c3 class	32x10 c3 Class	32x10 c3 Class	40x10 c3 Class	40x10 c3 Class	40x10 c3 Class	40x10 c3 Class	32x10 c3 Class	32x10 c3 Class
X/Z LM GUIDEWAYS	MM	(Ball Type)	(Ball Type)	(Ball Type)	(Ball Type)	(Ball Type)	(Ball Type)	(Ball Type)	(Roller Type)	(Roller Type)	(Roller Type)	(Roller Type)	(Roller Type)	(Roller Type)	(Roller Type)
<b>MAIN SPINDLE</b>		Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type	Cartridge Type
SPINDLE MOTOR POWER	KW	3.7/5.5	3.7/5.5	5.5/7.5	5.5/7.5	5.5/7.5	3.7/5.5	5.5/7.5	7.5/11	9/11	11/15	11/15	15/18.5	7.5/11	11/15
SPINDLE BORE/ DRAW BAR CAPACITY	MM	38	41/30	50/40	41/30	51/40	41/30	50/40	63/50	85/75	85/75	85/75	85/75	63/46	85/75
SPINDLE NOSE	ISO	A 2-4	A 2-5	A 2-6	A 2-5	A 2-6	A 2-5	A 2-6	A 2-6	A 2-8	A 2-8	A 2-8	A 2-8	A 2-6	A 2-8
SPINDLE SPEED RANGE	RPM	100-3500	50-3500	50-3500	100-3500	100-3500	50-3500	50-3000	50-2500	50-2500	50-2500	50-2000	50-2000	50-2500	100-1500
FULL POWER AVAILABILITY	RPM	1070 RPM Onwards	1070 Rpm Onwards	1070 Rpm Onwards	1070 Rpm Onwards	1070 Rpm Onwards	1070 Rpm Onwards	1070 Rpm Onwards	625 Rpm Onwards	625 RPM Onwards	416 RPM Onwards	416 RPM Onwards	416 RPM Onwards	625 RPM Onwards	416 RPM Onwards
<b>TOOLING TYPE</b>		Linear/Gang Type	Linear/Gang Type	Linear/Gang Type	Linear/Gang Type	Linear/Gnag Type	BTP-63	BTP-80	BTP-80/CHT-80	BTP-100	BTP-100	BTP-100	BTP-100	BTP-80	Bi Directional BTP-100 turret
NO. OF TOOLS	NOS.	1-4	1-6 (Depending upon job size)	1-6 (Depending upon job size)	1-10 (Depending upon job size)	1-10 (Depending upon job size)	8	8	8	8	8	8	8	8	1-8
MAX BORING BAR CAPACITY / TOOL SHANK	MM	32/25X25	32/25X25	32/25X25	32/25x25	32/25x25	32/ 20X20	40/ 25X25	40/ 25X25	50/ 32X32	50/ 32X32	50/ 32X32	50/ 32X32	40/ 25X25	50/ 32X32
<b>TAIL STOCK</b>		---	---	---	---	---	MT4	MT4	MT-4	MT-5	MT-5	MT-5	MT-5	---	without
QUILL DIA/ QUILL STROKE	MM	---	---	---	---	---	70/75	60/75	80/110	100/120	100/120	100/120	100/120	---	---
QUILL BODY MOVEMENT	MM	---	---	---	---	---	250	300	500	650	1050	1150	1500	---	---
<b>ACCURACY</b>		---	---	---	---	---	---	---	---	---	---	---	---	---	---
POSITIONING ACCURACY	MM	±0.007	±0.007	±0.007	±0.007	±0.007	±0.007	±0.007	±0.007	±0.007	±0.007	±0.007	±0.010	±0.007	±0.007
REPEATABILITY	MM	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005	±0.005
MACHINE WEIGHT (APPROX)	KG	2050	2500	2700	4000	4200	2900	3500	4300	5500	5500	7000	8000	4000	5500
MACHINE DIMENSIONS (LXWXH)	MM	1700x1200x1700	1900x1350x1750	1900x1350x1750	2630x1735x2040	2630x1735x2040	2200x1570x2000	2365x1570x2000	2540x1640x2060	2700x1800x1900	3000x1800x1900	3000x1800x1900	3600x1800x1900	2700X1800X1900	2700x1800x1900