JAEWOO
MACHINES
Engineered for Excellence!

10000+ Machines Sold

Powering PRODUCTIVITY, Perfecting PERFORMANCE !

Precision Redefined with Jaewoo CNC, VMC & HMC



CELEBRATING 37 YEARS OF EXCELLENCE

PRODUCT CATALOG

/JaewooMachines

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 Ball Screw. 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
- Much longer service life with original accuracy
- Better positioning and repeatability resulting in close tolerances on job
- Widest range of models are also available with customized solutions. All ART+ Series models are available in turnmill centre version.

Our Journey of Machineering

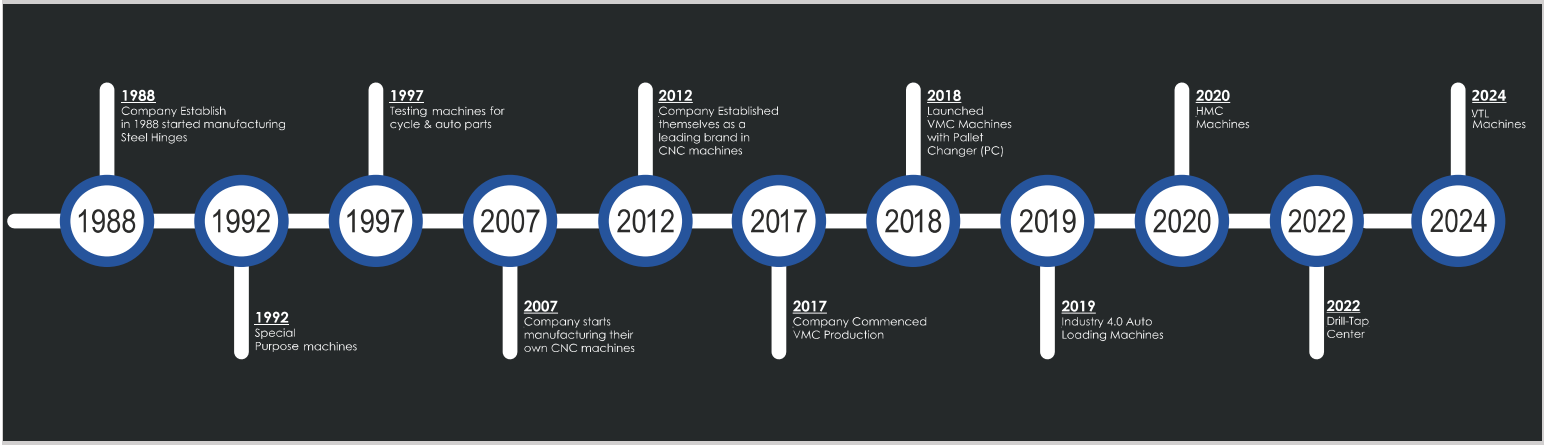


Table of Contents

3 HMC

6 VTL

8 VMC
BT 50

12 VMC
BT 40

24 VMC
WITH PALLET CHANGER

25 CNC



43 AUTOMATION

44 SUPPORT

45 OUR PRESENSE

45 OUR CLIENT

46 OUR PLANT

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HMC SERIES



Standard Features:
LM Guideways Roller Type
Hardened and Ground Ball Screws
Direct Coupled Servo Motors
High performance digital motors
Pre-stretching of Ball Screws.
Heavy Duty Cast Iron Structures
Absolute Encoders for all axes
Fast cam driven Arm type ATC-Mag Servo.
Fanuc OiMF Controller
Chip disposal Rear of the machine
Screw type conveyor on Left and right in the base
Electronic Counterbalance
4-point clamping of Pallet
Lift and Rotate type Servo Pallet Changer
Pallet change mechanism at the top for ease of maintenance
Three point levelling
Spindle taper Air Blow
Auto Retrieval for ATC
Rigid tapping
MPG
Ring Type Coolant for Spindle
Centralized Lubrication System
Levelling Pads
TPM Friendly Machines
Air Gun

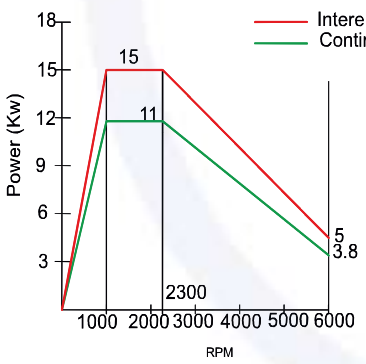
OPTIONAL FEATURES AT EXTRA COST:
Chip Conveyor
Higher RPM Spindle
Coolant Thru Spindle with Hydro cyclone Filtration
Coolant Gun
Spindle Mounted Probe
Table Mounted Probe
Panel AC
NC Rotary Table (0.001 deg)

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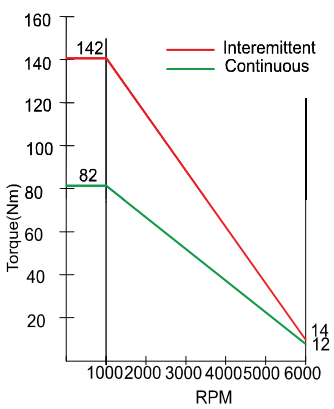
HMC - 500 (BT-40)



Power Torque Diagram



Spindle Power v/s RPM- ARH-500 (BT-40)



Spindle Torque v/s RPM ARH-500 (BT-40)

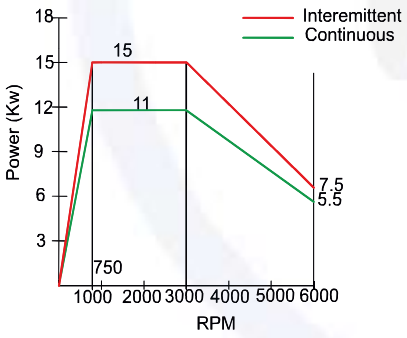
SPECIFICATIONS	ARH-500 (BT-40)
Axis Strokes	
X-axis	700 mm
Y-axis	600 mm
Z-axis	600 mm
Spindle face to Pallet Centre (Min-Max)	125-725 mm
Spindle centre to table top (Min-Max)	100-700 mm
Pallet	
Working Surface	500x500 mm
T-Slots(NoxSizexSpacing)	5x18x100
Max load on Pallet	500 Kg
Loading Height	1200 mm
No of Pallets	2 Nos.
Pallet Change Time	16 Sec
Job Envelope	700 mm
Type of Pallet Changer	Lift and Rotate Type
Spindle	
Spindle Taper	BT-40
Spindle Power	11/15 Kw
Spindle Speed	6000 PRM
Spindle Bearing Dia	70 mm
Full Power Availability	1000 RPM
Feed	
Rapid	30 M/Min
Cutting Feed Rate	1-10000 mm/Min
Auto Tool Changer	
No of Tools	40 Nos.
Tool Selection	Random- Bidirectional
Max. tool Dia (All Pockets Full)	80 mm
Max. tool Dia (Alt. Pockets Empty)	160 mm
Max. tool Weight	8 Kg
Max. Tool Length	300 mm
Tool Change time	3 Sec
Accuracies (As per ISO232-2)	
Positioning	0.014 mm
Repeatability	0.008 mm
CNC	Fanuc 0iMF
Machine Weight	10000 Kg
Machine Dimensions(WxLxH)	3000x3900x2900 mm
Power Requirement	30 KVA
Air Requirement	6 Kg/sqcm

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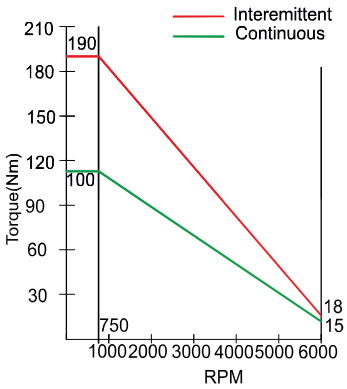
HMC - 500 (BT-50)



Power Torque Diagram



Spindle Power v/s RPM- ARH-500 (BT-50)



Spindle Torque v/s RPM ARH-500 (BT-50)

SPECIFICATIONS	ARH-500(BT-50)
Axis Strokes	
X-axis	700 mm
Y-axis	600 mm
Z-axis	700 mm
Spindle face to Pallet Centre(Min-Max)	125-825 mm
Spindle centre to table top (Min-Max)	100-700 mm
Pallet	
Working Surface	500x500 mm
T-Slots(NoxSizexSpacing)	5x18x100
Max load on Pallet	500 Kg
Loading Height	1200 mm
No of Pallets	2 Nos.
Pallet Change Time	20 Sec
Job Envelope	700 mm
Type of Pallet Changer	Lift and Rotate Type
Spindle	
Spindle Taper	BT-50
Spindle Power	11/15(Power-up) Kw
Spindle Speed	6000 RPM
Spindle Bearing Dia	100 mm
Full Power Availability	750 RPM
Feed	
Rapid	30 M/Min
Cutting Feed Rate	1-10000 mm/Min
Auto Tool Changer	
No of Tools	40 Nos.
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	125 mm
Max. tool Dia(Alt. Pockets Empty)	250 mm
Max. tool Weight	20 Kg
Max. Tool Length	400 mm
Tool Change time	3.5 Sec
Accuracies (As per ISO232-2)	
Positioning	0.014 mm
Repeatability	0.008 mm
CNC	Fanuc 0iMF
Machine Weight	11000 Kg
Machine Dimensions(WxLxH)	3000x3900x2900 mm
Power Requirement	30 KVA
Air Requirement	6 Kg/sqcm

VTL SERIES

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Standard Features
Roller Type LM Guideways for X and Z-axis.
THK Make C3 accuracy Grade Ball Screw for both X and Z-axis
Hydraulic Chuck
Counterbalance for Vertical axis
Automatic Centralized Lubrication System
Coolant System with Chip Tray
Directly Coupled Ball Screws
Fanuc 0iTF CNC System
Totally Enclosed Machine Enclosure
TPM Friendly Machine
Flush Coolant for Chip Flushing

Optional Features
Chip Conveyor
High Pressure Coolant
Panel AC

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VTL-550



Description	VTL-550
Capacity	
Chuck Size	400 mm
Max Turning Dia	550 mm
Max Swing Dia	675 mm
Standard Turning Dia and Length	450x725 mm
Axes Travel	
X-axis	325 mm
Z-axis	750 mm
Feed	
Rapid (X/Z)	20 M/Min
Feed	10 M/Min
Main Spindle	
Spindle Nose	A2-8
Max RPM	2000 RPM
Spindle Power	15/18.5 KW
Turret	
No of Tools	8
Tool Size	32x32 mm
Boring Bar Dia	50 mm
Positioning Accuracy as per ISO232-2	
Accuracy	0.012 mm
Repeatability	0.008 mm
Machine Weight	6500 Kg
Power Requirement	25 KVA
Machine Dimensions WxLXH	1650x2200x3500 mm

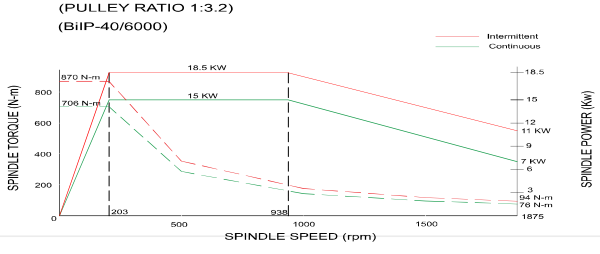
VTL-650



Description	VTL-650
Capacity	
Chuck Size	530 mm
Max Turning Dia	650 mm
Max Swing Dia	800 mm
Standard Turning Dia and Length	600x725 mm
Axes Travel	
X-axis	375 mm
Z-axis	750 mm
Feed	
Rapid (X/Z)	20 M/Min
Feed	10 M/Min
Main Spindle	
Spindle Nose	A2-11
Max RPM	1500 RPM
Spindle Power	15/18.5 KW
Turret	
No of Tools	8
Tool Size	32x32 mm
Boring Bar Dia	50 mm
Positioning Accuracy as per ISO232-2	
Accuracy	0.012 mm
Repeatability	0.008 mm
Machine Weight	7500 Kg
Power Requirement	25 KVA
Machine Dimensions WxLXH	1850x2200x3500 mm

Power Torque Diagram

(PULLEY RATIO 1:3.2)
(BilP-40/6000)



Capacity Diagram

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VMC
BT-50 SERIES







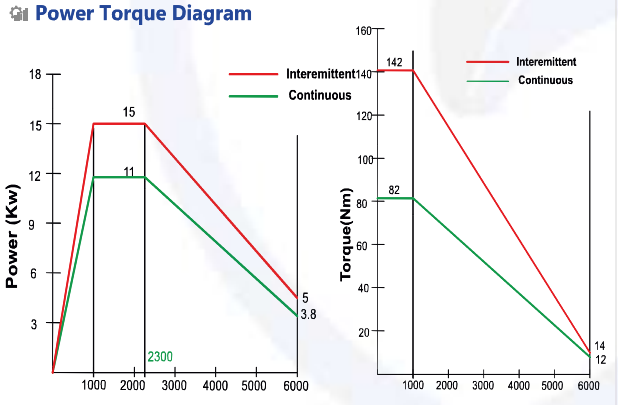
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ARV 1300 (BT-50)



SPECIFICATIONS	ARV1300(BT-50)
Axis Strokes	
X-axis	1300 mm
Y-axis	700 mm
Z-axis	700 mm
Spindle centre to Column Face	715 mm
Spindle Face to table Top (Min-Max)	100-800 mm
Table	
Working Surface	1500x700 mm
T-Slots(NoxSizexSpacing)	5x18x125 mm
Max load on Table	1200 Kg
Distance from Floor to table	1100 mm
Spindle	
Spindle Taper	BT-50
Spindle Power	11/15 Kw
Spindle Speed	6000 RPM
Spindle Bearing Dia	100 mm
Full Power Availability	1000 RPM
Feed	
Rapid	20 M/Min
Cutting Feed Rate	1-10000 mm/Min
Auto Tool Changer	
No of Tools	24 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	125 mm
Max. tool Dia(Alt. Pockets Empty)	200 mm
Max. tool Weight	20 kg
Max. Tool Length	400 mm
Tool Change time	3.5 sec
Accuracies (As per ISO232-2)	
Positioning	0.018 mm
Repeatability	0.01 mm
CNC	Fanuc 0i MF/Siemens828/ Mitsubishi M80
Machine Weight	8500 Kg
Machine Dimensions(WxLxH)	3300x3650x3200 mm
Power Requirement	25 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM
(ARV-1300 BT-50 Taper)

Spindle Torque v/s RPM
(ARV-1300 BT-50 Taper)

STANDARD FEATURES:

- LM Guideways Roller Type
- 6 LM Blocks for X-axis
- 4-Rails and 6 Blocks for Y-axis
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre-stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Rear of the Machine
- Coolant Flushing
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES AT EXTRA COST :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

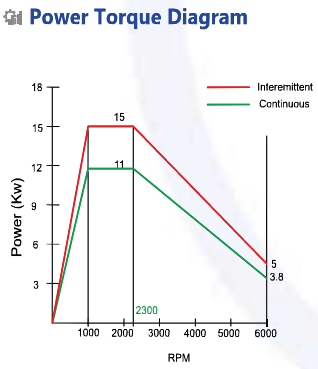
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ARV 1500 (BT-50)

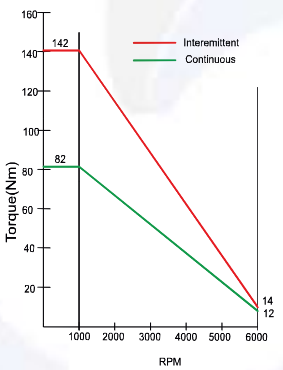


SPECIFICATIONS	ARV1500(BT-50)
Axis Strokes	
X-axis	1500 mm
Y-axis	700 mm
Z-axis	700 mm
Spindle centre to Column Face	715 mm
Spindle Face to table Top (Min-Max)	100-800 mm
Table	
Working Surface	1500x700 mm
T-Slots(NoxSizexSpacing)	5x18x125 mm
Max load on Table	1500 Kg
Distance from Floor to table	1100 mm
Spindle	
Spindle Taper	BT-50
Spindle Power	11/15 Kw
Spindle Speed	6000 RPM
Spindle Bearing Dia	100 mm
Full Power Availability	1000 RPM
Feed	
Rapid	20 M/Min
Cutting Feed Rate	1-10000 mm/Min
Auto Tool Changer	
No of Tools	24 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	125 mm
Max. tool Dia(Alt. Pockets Empty)	200 mm
Max. tool Weight	20 mm
Max. Tool Length	400 Kg
Tool Change time	3.5 sec
Accuracies (As per ISO232-2)	
Positioning	0.02 mm
Repeatability	0.012 mm
CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	9000 Kg
Machine Dimensions(WxLxH)	3530x3650x3200 mm
Power Requirement	25 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM
(ARV-1500 BT-50 Taper)



Spindle Torque v/s RPM
(ARV1500 BT-50 Taper)

STANDARD FEATURES:

- LM Guideways Roller Type
- 6 LM Blocks for X-axis
- 4-Rails and 6 Blocks for Y-axis
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre- stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Rear of the Machine
- Coolant Flushing
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES AT EXTRA COST :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

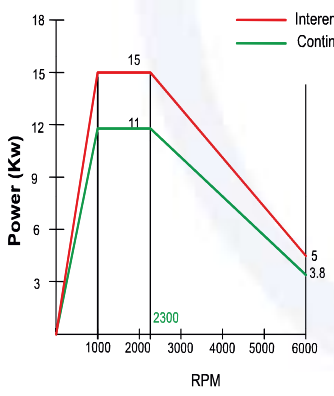
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ARV 2000 (BT-50)

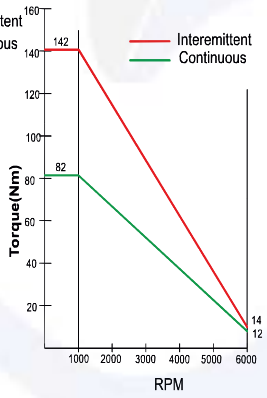


SPECIFICATIONS	ARV2000(BT-50)
Axis Strokes	
X-axis	2000 mm
Y-axis	900 mm
Z-axis	900 mm
Spindle centre to Column Face	975 mm
Spindle Face to table Top (Min-Max)	100-1000 mm
Table	
Working Surface	2200x900 mm
T-Slots(NoxSizexSpacing)	5x18x150 mm
Max load on Table	2500 Kg
Distance from Floor to table	1150 mm
Spindle	
Spindle Taper	BT-50
Spindle Power	11/15 Kw
Spindle Speed	6000 RPM
Spindle Bearing Dia	100 mm
Full Power Availability	1000 RPM
Feed	
Rapid	20 for X and Y 15 for Z M/Min
Cutting Feed Rate	1-10000 mm/Min
Auto Tool Changer	
No of Tools	24 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	125 mm
Max. tool Dia(Alt. Pockets Empty)	200 mm
Max. tool Weight	20 kg
Max. Tool Length	400 mm
Tool Change time	3.5 sec
Accuracies (As per ISO232-2)	
Positioning	0.02 mm
Repeatability	0.012 mm
CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	15000 Kg
Machine Dimensions(WxLxH)	5000x3550x3200 mm
Power Requirement	35 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM
(ARV-2000 BT-50 Taper)



Spindle Power v/s RPM
(ARV-2000 BT-50 Taper)

STANDARD FEATURES:

- LM Guideways Roller Type
- 8 LM Blocks for X-axis
- 4-Rails and 8 Blocks for Y-axis
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre- stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Rear of the Machine
- Coolant Flushing
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES AT EXTRA COST :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

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VMC
BT-40 SERIES





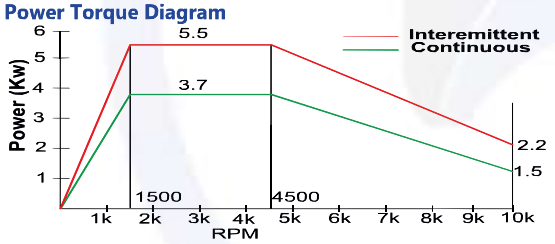
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DTC-500

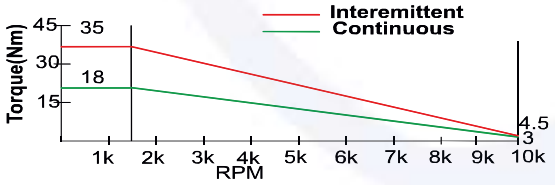


SPECIFICATIONS	DTC-500
Axis Strokes	
X-axis	500 mm
Y-axis	400 mm
Z-axis	375 mm
Spindle centre to Column Face	435 mm
Spindle Face to table Top (Min-Max)	100-475 mm
Table	
Working Surface	650x400 mm
T-Slots(NoxSizexSpacing)	3x14x125 mm
Max load on Table	300 Kg
Distance from Floor to table	925 mm
Spindle	
Spindle Taper	BT-30
Spindle Power	3.7/5.5 Kw
Spindle Speed	10000 RPM
Spindle Bearing Dia	50 mm
Full Power Availability	1500 RPM
Feed	
Rapid	48 M/Min
Cutting Feed Rate	1-10000
Auto Tool Changer	
No of Tools	21 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	105 mm
Max. tool Dia(Alt. Pockets Empty)	130 mm
Max. tool Weight	3 Kg
Max. Tool Length	200 mm
Tool Change time	1.5 Sec
Accuracies (As per ISO232-2)	
Positioning	0.008 mm
Repeatability	0.006 mm
CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	3500 Kg
Machine Dimensions(WxLxH)	1750x2250x2500 mm
Power Requirement	15 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM (DTC-500)



Spindle Torque v/s RPM(DTC-500)

STANDARD FEATURES:

- LM Guideways
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre-stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Front Left & Right side of the Machine.
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

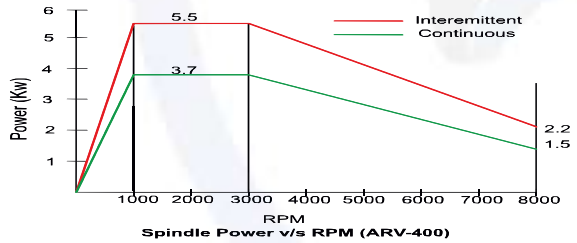
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ARV 400

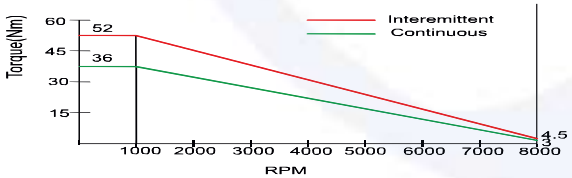


SPECIFICATIONS	ARV400
Axis Strokes	
X-axis	400 mm
Y-axis	300 mm
Z-axis	350 mm
Spindle centre to Column Face	425 mm
Spindle Face to table Top (Min-Max)	100-450 mm
Table	
Working Surface	600x325 mm
T-Slots(NoxSizexSpacing)	3x14x115 mm
Max load on Table	300 Kg
Distance from Floor to table	925 mm
Spindle	
Spindle Taper	BT-40
Spindle Power	3.7/5.5 Kw
Spindle Speed	8000 RPM
Spindle Bearing Dia	70 mm
Full Power Availability	1000 RPM
Feed	
Rapid	30 M/Min
Cutting Feed Rate	1-10000
Auto Tool Changer	
No of Tools	12 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	105 mm
Max. tool Dia(Alt. Pockets Empty)	130 mm
Max. tool Weight	7 Kg
Max. Tool Length	250 mm
Tool Change time	5 Sec
Accuracies (As per ISO232-2)	
Positioning	0.008 mm
Repeatability	0.006 mm
CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	3000 Kg
Machine Dimensions(WxLxH)	1500x2100x2500 mm
Power Requirement	10 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM (ARV-400)



Spindle Torque v/s RPM(ARV-400)

STANDARD FEATURES:

- LM Guideways
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre-stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Front Left & Right side of the Machine.
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

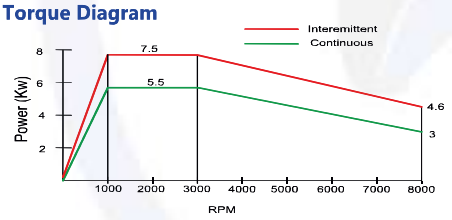
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ARV 500

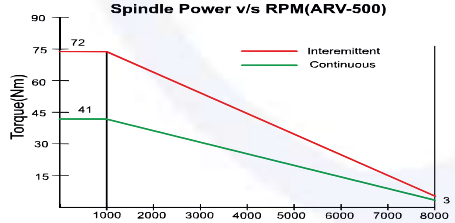


SPECIFICATIONS	ARV500
Axis Strokes	
X-axis	500 mm
Y-axis	400 mm
Z-axis	400 mm
Spindle centre to Column Face	475 mm
Spindle Face to table Top (Min-Max)	100-500 mm
Table	
Working Surface	650x400 mm
T-Slots(NoxSizexSpacing)	3x18x125 mm
Max load on Table	300 Kg
Distance from Floor to table	930 mm
Spindle	
Spindle Taper	BT-40
Spindle Power	5.5/7.5 Kw
Spindle Speed	8000 RPM
Spindle Bearing Dia	70 mm
Full Power Availability	1000 RPM
Feed	
Rapid	30 M/Min
Cutting Feed Rate	1-10000
Auto Tool Changer	
No of Tools	20 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	80 mm
Max. tool Dia(Alt. Pockets Empty)	125 mm
Max. tool Weight	8 Kg
Max. Tool Length	250 mm
Tool Change time	2.5 Sec
Accuracies (As per ISO232-2)	
Positioning	0.01 mm
Repeatability	0.006 mm
CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	3500 Kg
Machine Dimensions(WxLxH)	1875x2300x2600 mm
Power Requirement	15 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM(ARV-500)



Spindle Torque v/s RPM(ARV-500)

STANDARD FEATURES:

- LM Guideways
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre-stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Front Left & Right side of the Machine.
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

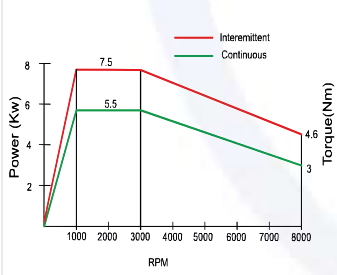
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ARV 700

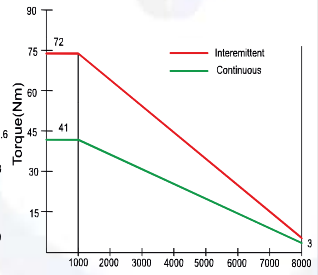


SPECIFICATIONS	ARV700
Axis Strokes	
X-axis	700 mm
Y-axis	450 mm
Z-axis	450 mm
Spindle centre to Column Face	475 mm
Spindle Face to table Top (Min-Max)	100-550 mm
Table	
Working Surface	900x450 mm
T-Slots(NoxSizexSpacing)	4x18x100 mm
Max load on Table	350 Kg
Distance from Floor to table	965 mm
Spindle	
Spindle Taper	BT-40
Spindle Power	5.5/7.5 Kw
Spindle Speed	8000 RPM
Spindle Bearing Dia	70 mm
Full Power Availability	1000 RPM
Feed	
Rapid	30 M/Min
Cutting Feed Rate	1-10000
Auto Tool Changer	
No of Tools	20 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	80 mm
Max. tool Dia(Alt. Pockets Empty)	125 mm
Max. tool Weight	8 Kg
Max. Tool Length	250 mm
Tool Change time	2.5 Sec
Accuracies (As per ISO232-2)	
Positioning	0.012 mm
Repeatability	0.007 mm
CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	4000 Kg
Machine Dimensions(WxLxH)	2000x2320x2650 mm
Power Requirement	15 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM(ARV-700)



Spindle Torque v/s RPM(ARV-700)

STANDARD FEATURES:

- LM Guideways Roller Type
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre-stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Front Left & Right side of the Machine.
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

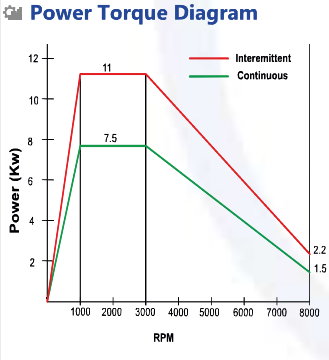
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ARV 800

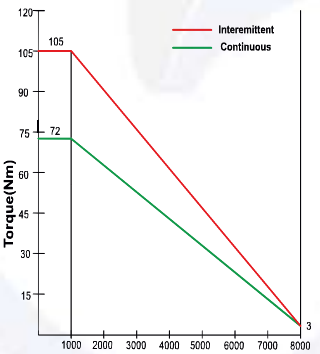


SPECIFICATIONS	ARV800
Axis Strokes	
X-axis	800 mm
Y-axis	510 mm
Z-axis	510 mm
Spindle centre to Column Face	575 mm
Spindle Face to table Top (Min-Max)	100-610 mm
Table	
Working Surface	1000x510 mm
T-Slots(NoxSizexSpacing)	5x18x100 mm
Max load on Table	500 Kg
Distance from Floor to table	975 mm
Spindle	
Spindle Taper	**BT-40**
Spindle Power	**7.5/11 Kw**
Spindle Speed	**8000 RPM**
Spindle Bearing Dia	**70 mm**
Full Power Availability	**1000 RPM**
Feed	
Rapid	30 M/Min
Cutting Feed Rate	1-10000
Auto Tool Changer	
No of Tools	20 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	80 mm
Max. tool Dia(Alt. Pockets Empty)	125 mm
Max. tool Weight	8 Kg
Max. Tool Length	250 mm
Tool Change time	2.5 Sec
Accuracies (As per ISO232-2)	
Positioning	0.012 mm
Repeatability	0.008 mm
CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	5000 Kg
Machine Dimensions(WxLxH)	2100x3200x2850 mm
Power Requirement	15 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM(ARV-800)



Spindle Torque v/s RPM (ARV-800)

STANDARD FEATURES:

- LM Guideways Roller Type
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre-stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Rear of the Machine
- Coolant Flushing
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

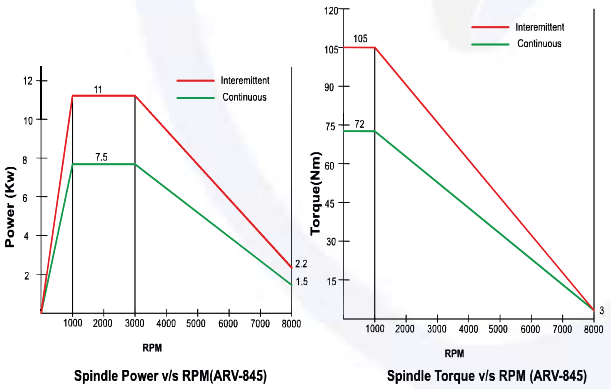
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ARV 845



SPECIFICATIONS	ARV845
Axis Strokes	
X-axis	800 mm
Y-axis	450 mm
Z-axis	450 mm
Spindle centre to Column Face	475 mm
Spindle Face to table Top (Min-Max)	100-550 mm
Table	
Working Surface	1000x450 mm
T-Slots(NoxSizexSpacing)	4x18x100 mm
Max load on Table	500 Kg
Distance from Floor to table	965 mm
Spindle	
Spindle Taper	BT-40
Spindle Power	7.5/11 Kw
Spindle Speed	8000 RPM
Spindle Bearing Dia	70 mm
Full Power Availability	1000 RPM
Feed	
Rapid	30 M/Min
Cutting Feed Rate	1-10000
Auto Tool Changer	
No of Tools	20 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	80 mm
Max. tool Dia(Alt. Pockets Empty)	125 mm
Max. tool Weight	8 Kg
Max. Tool Length	250 mm
Tool Change time	2.5 Sec
Accuracies (As per ISO232-2)	
Positioning	0.012 mm
Repeatability	0.008 mm
CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	-
Machine Dimensions(WxLxH)	2100x2500x2650 mm 15
Power Requirement	KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM(ARV-845)

Spindle Torque v/s RPM (ARV-845)

STANDARD FEATURES:

- LM Guideways Roller Type
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre-stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Rear of the Machine
- Coolant Flushing
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

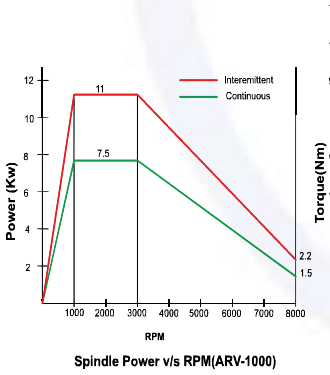
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ARV 1000

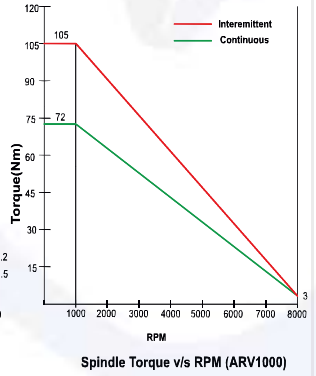


SPECIFICATIONS	ARV 1000
Axis Strokes	
X-axis	1000 mm
Y-axis	550 mm
Z-axis	550 mm
Spindle centre to Column Face	575 mm
Spindle Face to table Top (Min-Max)	100-650 mm
Table	
Working Surface	1200x550 mm
T-Slots(NoxSizexSpacing)	5x18x100 mm
Max load on Table	600 Kg
Distance from Floor to table	1020 mm
Spindle	
Spindle Taper	**BT-40**
Spindle Power	**7.5/11 Kw**
Spindle Speed	**8000 RPM**
Spindle Bearing Dia	**70 mm**
Full Power Availability	**1000 RPM**
Feed	
Rapid	30 for X and Y, 20 for Z M/Min
Cutting Feed Rate	1-10000
Auto Tool Changer	
No of Tools	20 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	80 mm
Max. tool Dia(Alt. Pockets Empty)	125 mm
Max. tool Weight	8 Kg
Max. Tool Length	250 mm
Tool Change time	2.5 Sec
Accuracies (As per ISO232-2)	
Positioning	0.016 mm
Repeatability	0.009 mm
CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	6000 Kg
Machine Dimensions(WxLxH)	2720x3300x3000 mm
Power Requirement	15 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM(ARV-1000)



Spindle Torque v/s RPM (ARV1000)

STANDARD FEATURES:

- LM Guideways Roller Type
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre-stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Rear of the Machine
- Coolant Flushing
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

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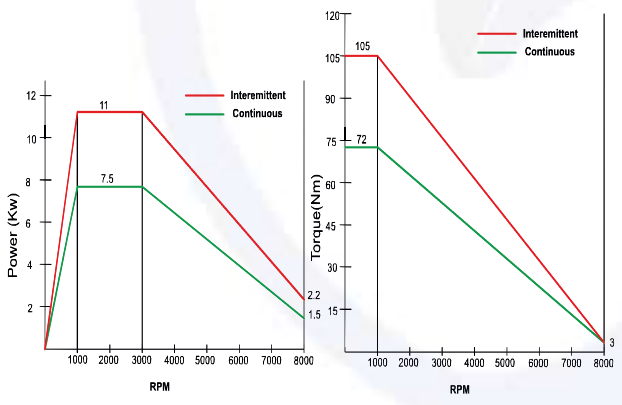
ARV 1100



SPECIFICATIONS	ARV 1100
Axis Strokes	
X-axis	1100 mm
Y-axis	600 mm
Z-axis	600 mm
Spindle centre to Column Face	615 mm
Spindle Face to table Top (Min-Max)	100-700 mm
Table	
Working Surface	1300x600 mm
T-Slots(NoxSizexSpacing)	5x18x100 mm
Max load on Table	700 Kg
Distance from Floor to table	1020 mm
Spindle	
Spindle Taper	**BT-40**
Spindle Power	**7.5/11 Kw**
Spindle Speed	**8000 RPM**
Spindle Bearing Dia	**70 mm**
Full Power Availability	**1000 RPM**
Feed	
Rapid	30 M/Min
Cutting Feed Rate	1-10000
Auto Tool Changer	
No of Tools	20 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	80 mm
Max. tool Dia(Alt. Pockets Empty)	125 mm
Max. tool Weight	8 Kg
Max. Tool Length	250 mm
Tool Change time	2.5 Sec
Accuracies (As per ISO232-2)	
Positioning	0.016 mm
Repeatability	0.009 mm

CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	7000 Kg
Machine Dimensions(WxLxH)	2950x3300x3000 mm
Power Requirement	20 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM(ARV-1100)

Spindle Torque v/s RPM (ARV1100)

STANDARD FEATURES:

- LM Guideways Roller Type
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre-stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Rear of the Machine
- Coolant Flushing
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

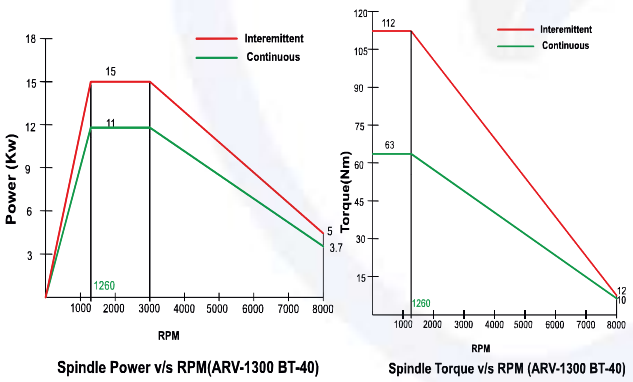
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ARV 1300



SPECIFICATIONS	ARV 1300
Axis Strokes	
X-axis	1300 mm
Y-axis	700 mm
Z-axis	700 mm
Spindle centre to Column Face	715 mm
Spindle Face to table Top (Min-Max)	100-800 mm
Table	
Working Surface	1500x700 mm
T-Slots(NoxSizexSpacing)	5x18x125 mm
Max load on Table	1200 Kg
Distance from Floor to table	1100 mm
Spindle	
Spindle Taper	BT-40
Spindle Power	**11/15 Kw**
Spindle Speed	8000 RPM
Spindle Bearing Dia	70 mm
Full Power Availability	1260 RPM
Feed	
Rapid	20 M/Min
Cutting Feed Rate	1-10000
Auto Tool Changer	
No of Tools	24 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	80 mm
Max. tool Dia(Alt. Pockets Empty)	125 mm
Max. tool Weight	8 Kg
Max. Tool Length	250 mm
Tool Change time	3 Sec
Accuracies (As per ISO232-2)	
Positioning	0.018 mm
Repeatability	0.01 mm
CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	8500 Kg
Machine Dimensions(WxLxH)	3300x3650x3200 mm
Power Requirement	25 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM(ARV-1300 BT-40)

Spindle Torque v/s RPM (ARV-1300 BT-40)

STANDARD FEATURES:

- LM Guideways Roller Type
- 6 LM Blocks for X-axis
- 4-Rails and 6 Blocks for Y-axis
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre-stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Rear of the Machine
- Coolant Flushing
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

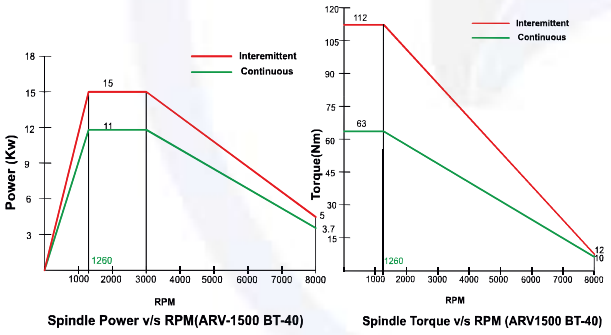
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ARV 1500



SPECIFICATIONS	ARV 1500
Axis Strokes	
X-axis	1500 mm
Y-axis	700 mm
Z-axis	700 mm
Spindle centre to Column Face	715 mm
Spindle Face to table Top (Min-Max)	100-800 mm
Table	
Working Surface	1500x700 mm
T-Slots(NoxSizexSpacing)	5x18x125 mm
Max load on Table	1500 Kg
Distance from Floor to table	1100 mm
Spindle	
Spindle Taper	BT-40
Spindle Power	**11/15 Kw**
Spindle Speed	8000 RPM
Spindle Bearing Dia	70 mm
Full Power Availability	1260 RPM
Feed	
Rapid	20 M/Min
Cutting Feed Rate	1-10000
Auto Tool Changer	
No of Tools	24 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	80 mm
Max. tool Dia(Alt. Pockets Empty)	125 mm
Max. tool Weight	8 Kg
Max. Tool Length	250 mm
Tool Change time	3 Sec
Accuracies (As per ISO232-2)	
Positioning	0.02 mm
Repeatability	0.012 mm
CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	9000 Kg
Machine Dimensions(WxLxH)	3530x3650x3200 mm
Power Requirement	25 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



Spindle Power v/s RPM(ARV-1500 BT-40)

Spindle Torque v/s RPM (ARV1500 BT-40)

STANDARD FEATURES:

- LM Guideways Roller Type
- 6 LM Blocks for X-axis
- 4-Rails and 6 Blocks for Y-axis
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre-stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Rear of the Machine
- Coolant Flushing
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

OPTIONAL FEATURES :

- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

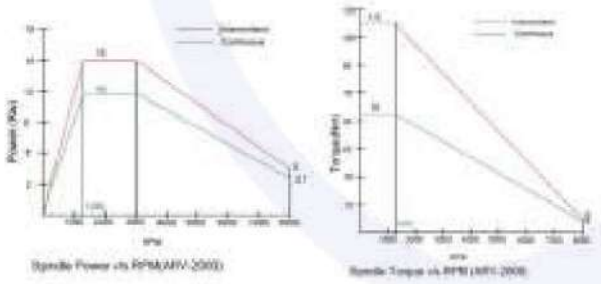
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ARV 2000



SPECIFICATIONS	ARV 2000
Axis Strokes	
X-axis	2000 mm
Y-axis	900 mm
Z-axis	900 mm
Spindle centre to Column Face	975 mm
Spindle Face to table Top (Min-Max)	100-1000 mm
Table	
Working Surface	2200x900 mm
T-Slots(NoxSizexSpacing)	5x18x150 mm
Max load on Table	2500 Kg
Distance from Floor to table	1150 mm
Spindle	
Spindle Taper	BT-40
Spindle Power	**11/15 Kw**
Spindle Speed	8000 RPM
Spindle Bearing Dia	70 mm
Full Power Availability	1260 RPM
Feed	
Rapid	20 for X and Y 15 for Z M/Min
Cutting Feed Rate	1-10000
Auto Tool Changer	
No of Tools	24 Nos
Tool Selection	Random- Bidirectional
Max. tool Dia(All Pockets Full)	80 mm
Max. tool Dia(Alt. Pockets Empty)	125 mm
Max. tool Weight	8 Kg
Max. Tool Length	250 mm
Tool Change time	3 Sec
Accuracies (As per ISO232-2)	
Positioning	0.02 mm
Repeatability	0.012 mm
CNC	Fanuc0iMF/Siemens828/ Mitsubishi M80
Machine Weight	15000 Kg
Machine Dimensions(WxLxH)	5000x3550x3200 mm
Power Requirement	35 KVA
Air Requirement	6 Kg/sqcm

Power Torque Diagram



STANDARD FEATURES:

- LM Guideways Roller Type
- 8 LM Blocks for X-axis
- 4-Rails and 8 Blocks for Y-axis
- Hardened and Ground Ball Screws
- Direct Coupled Servo Motors
- High performance digital motors
- Pre-stretching of Ball Screws.
- Heavy Duty Cast Iron Structures
- Absolute Encoders for all axes
- Fast cam driven Arm type ATC
- Fanuc/Siemens/Mitsubishi Controller
- Chip disposal at Rear of the Machine
- Coolant Flushing
- Ring type Coolant for Spindle
- Electronic Counterbalance
- Spindle taper Air Blow
- Auto Retrieval for ATC
- Rigid tapping
- Centralized Lubrication System
- Levelling Pads
- TPM Friendly Machines
- Air Gun
- Oil Skimmer

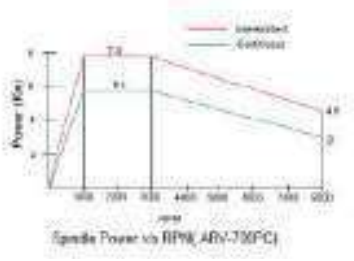
OPTIONAL FEATURES :

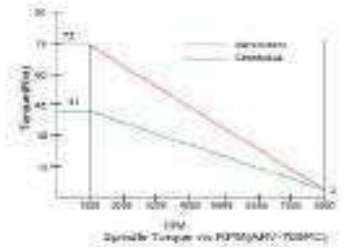
- Chip Conveyor
- Higher RPM Spindle
- Coolant Thru Spindle with Hydro cyclone Filtration
- Coolant Gun
- Spindle Mounted Probe
- Table Mounted Probe
- 4 th axis option NC Rotary Table
- 4 th and 5th axes NC Rotary and Tilting Table
- Panel AC

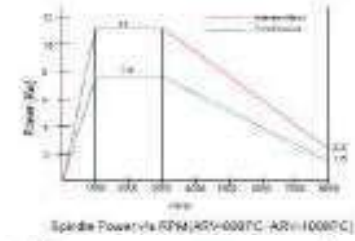
VMC with PALLET CHANGER

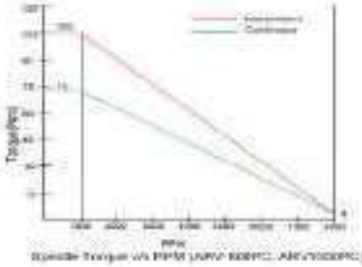


Standard Features:
LM Guideways Roller Type
Hardened and Ground Ball Screws
Direct Coupled Servo Motors
High performance digital motors
Heavy Duty Cast Iron Structures
Absolute Encoders for all axes
Pre-stretching of Ball Screws.
Fast cam driven Arm type ATC.
Fanuc/Siemens/Mitsubishi Controller
Chip disposal at Rear of the Machine
Coolant Flushing
Ring type Coolant for Spindle
Electronic Counterbalance
Spindle taper Air Blow
Linear Servo Driven Pallet Changer
Auto Retrieval for APC
Auto Retrieval for ATC
Rigid tapping
MPG
Ring type coolant for Spindle
Centralized Lubrication System
Levelling Pads
TPM Friendly Machines
Air Gun
Oil Skimmer









SPECIFICATIONS	UNIT	ARV700PC	ARV800PC	ARV1000PC
Axis Strokes	mm			
X-axis		700	800	1000
Y-axis		450	510	550
Z-axis		450	510	550
Spindle centre to Column Face	mm	475	575	575
Spindle Face to table Top (Min-Max)	mm	100-550	100-610	100-650
Table				
Working Surface	mm	750x425	850x490	1050x525
T-Slots(NoxSizexSpacing)		4x18x100	5x18x100	5x18x100
Max load on Table	Kg	350	400	500
No Of Pallets	Nos	2	2	2
Loading Height		1230	1225	1300
Pallet Change Time	Sec	20	20	25
Type of Pallet Changer		Linear Servo Driven	Linear Servo Driven	Linear Servo Driven
Spindle				
Spindle Taper		BT-40	BT-40	BT-40
Spindle Power	Kw	5.5/7.5	7.5/11	7.5/11
Spindle Speed	RPM	8000	8000	8000
Spindle Bearing Dia	mm	70	70	70
Full Power Availability	RPM	1000	1000	1000
Feed				
Rapid	M/Min	30	30	30
Cutting Feed Rate	mm/Min	1-10000	1-10000	1-10000
Auto Tool Changer				
No of Tools	Nos	20	20	20
Tool Selection		Random-Bidirectional	Random-Bidirectional	Random-Bidirectional
Max. tool Dia(All Pockets Full)	mm	80	80	80
Max. tool Dia(Alt. Pockets Empty)	mm	125	125	125
Max. tool Weight	Kg	8	8	8
Max. Tool Length	mm	250	250	250
Tool Change time	Sec	2.5	2.5	2.5
Accuracies (As per ISO232-2)				
Positioning	mm	0.012	0.012	0.016
Repeatability	Mm	0.008	0.008	0.009
CNC				
Machine Weight	Kg	5000	5000	6000
Machine Dimensions(WxLxH)	mm	3250x3100x2850	3500x3300x2850	3900x3300x3000
Power Requirement	KVA	15	15	20
Air Requirement	Kg/sqcm		6	6

OPTIONAL FEATURES AT EXTRA COST:
Chip Conveyor
Higher RPM Spindle
Coolant Thru Spindle with Hydro cyclone Filtration
Coolant Gun
Spindle Mounted Probe
Table Mounted Probe

Machining Capabilities				
Operation	Dia of cutter/Tool	Cutting Parameters	Material	Cutting Capacity
Milling	Dia 80 Face Mill	RPM1000/Feed 1000mm/Min	EN8	150 CC/Min
Drilling	(U-Drill)	RPM 1500, Feed 1500mm/Min	EN8	25
Tapping	Coated Tap	RPM130	EN8	M25x1.5

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* Image, Parts & Accessories are for illustration purpose only actual may differ.

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