

PRODUCT LINEUP

TURNING CENTER | MACHINING CENTER | DOUBLE COLUMN MACHINING CENTER
CNC BORING MACHINE | DN AUTOMATION SOLUTION

Continuous Innovation for Advanced Products & Technology

Providing cutting-edge technology and optimal solutions to ensure DN Solutions' customers have a bright future. Satisfying Customer needs by developing leading technology, Supporting successful businesses with quality products and customized solutions. Growing together with innovative technology for customer satisfaction the DN Solutions' way.

Whatever your needs are, we have the product you need. Our full line of competitive high-value machine tools delivers unmatched performance and precision.

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FULL LINE-UP OF PRODUCTS



**Horizontal
turning centers**



**Multi-tasking
turning centers**



**Ram type vertical
turning centers**



Double column machining centers



Pallet System (Linear)



Pallet System (Round)



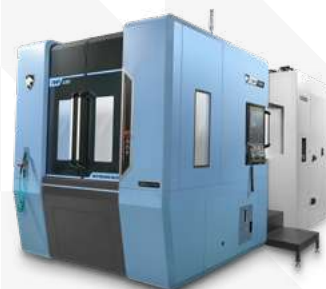
**Vertical
machining centers**



**5-axis vertical
machining centers**



**Die & mold vertical
machining centers**



**Horizonatal
machining centers**



Auto Work-Piece Changer



Vertical turning centers



Horizontal boring mills

TURNING CENTERS

Horizontal Turning Centers

Compact

LEO 1600

Lynx 2000

Lynx 2100

G
A B LA LB
LC MA MB LMA
LMB LMC LMSA LMSB
LMSC LYA LYB LSYA
LSYB

Lynx 2600

STD M Y SY

Lynx 210

A B

Multi-Axis

PUMA TT1300

SY SYB

PUMA TT1800

SY

PUMA TT2100

SY SYB

PUMA TT2500

SY

PUMA TL2000

STD

PUMA TL2500

L

Aluminum Wheel Turn

PUMA VAW 800

Twin Spindle

PUMA TW2100

STD M

PUMA TW2600

STD M B MB

Twin Spindle with Gantry Loader

PUMA TW2100-GL

STD M

PUMA TW2600-GL

STD M B MB

High Performance

PUMA 2100

MS LMS
Y II LY II SY II LSY II

PUMA 2600

LM
MS LMS
Y II LY II SY II LSY II
B LB MB LMB
SB MSB YB II LYB II
SYB II LSYB II

PUMA 3100

STD L XL UL
M LM XLM ULM
Y LY XLY ULY
SY LSY XLYB ULYB

PUMA DNT2100

STD M
B MB

PUMA DNT2600

STD L
M LM

PUMA GT2600

XLA XLMA XLB XLMB

PUMA GT3100

STD L M LM

PUMA 4100

A B C
LA LB LC
XLA XLB XLC
MA MB MC
LMA LMB LMC
XLMA XLMB XLMC

PUMA 5100

A B C
LA LB LC
XLA XLB XLC
MA MB
LMA LMB
XLMA XLMB
LYA LYB LYC
XLYA XLYB

PUMA 600II /
700II/ 800II

STD L II XL II
M II LM II XLM II
LY II XLY II
B II* LB II*

PUMA 1000

A B
MA MB

Multi-Tasking Turning Centers

DNX 2100

STD B S SB

SMX 2100

STD S ST B
SB STB
L LS LST

SMX 2600

STD S ST

SMX 3100

STD L S LS
ST B⁸³⁵

SMX 5100

STD LS LB LSB
L XL XLB

Vertical Turning Centers

PUMA V400

STD M

PUMA V400P

STD

PV 6300

STD M

PUMA V8300

STD M

PV 9300

STD M

PUMA VT1100

STD M

Ram Type

PUMA VTR1012

F FC

PUMA VTR1216

STD M F FM FC

PUMA VTR1620

STD M

PUMA VTR2025

STD M

Grinding machine for quartz,
ceramic materials

DNC 8050 / 8060

- M Milling
- L Long Bed
- G Gang type
- T Lower Turret
- F Cross rail fixed type
- Y Y-axis Milling
- S Sub Spindle (Right Spindle)
- GL Gantry Loader
- XL Extra Long Bed
- B* Big Bore (only PUMA 800)

- STD Standard model
- A B C Chuck size

MACHINING CENTERS | DCM | HBM

Machining Centers / DCM / HBM

Tapping Centers

T 4000 STD L HP LHP HS LHS

Compact

DEM 4000 STD

High Productivity & Heavy Duty

DNM 4000 STD
 SVM 4100 STD
 SVM 5100L STD
 DNM 4500^{4th} STD L
 DNM 5700^{4th} STD L
 DNM 6700^{4th} STD L
 DNM 650II /50
 DNM 750II STD /50 L L/50
 Mynx 5400II STD /50
 Mynx 6500II STD /50
 Mynx 7500II STD /50
 Mynx 9500 STD

High Speed, High Precision

BVM 5700 STD

Dual Pallet / 2 spindle

VC 3600
 VC 3600/30
 VC 430
 VC 510

2-Spindle Vertical Machining Center for High Productivity

VC 4000D-2SP
 XC 4000D-2SP
 XC 4000DA-2SP

5-axis

DVF 4000 STD
 DVF 5000 STD
 DVF 5000^{2nd} STD
 DVF 6500^{2nd} STD T
 DVF 8000^{2nd} STD T T/50
 DNM 350/5AX
 FM 200/5AX *linear*

Multi Purpose

VCF 850II SR LSR
 VCF 5500 L UL SL

Die & Mold

VM 5400 / 6500 STD L
 VM 750 STD L
 VM 960 STD L
 VM 1260

MD 6700

DVM 500II
 DVM 650II
 NX 5500II
 MP 6500

Special Machining

VX 6500C (Ceremic Machining)
 VX 6500G (Graphite Machining)

Horizontal Machining Centers

Compact

NHC 4000
 NHC 5000

High Speed

NHP 4000
 NHP 5000
 NHP 5500^{2nd}
 NHP 6300^{2nd}
 NHP 8000

Heavy Duty

NHM 5000
 NHM 6300
 NHM 8000
 HM 1000 STD W
 HM 1250

5-axis

DHF 8000 STD ST
 HFP 1540

Bridge Type Machining Centers

BM 1530 M
 BM 2035 M U
 BM 2740 STD M U

Five Face Double Column Machining Centers

DBM 1525s STD U
 DBM 2030 STD U
 DBM 2040 STD U
 DBM 2540 STD U
 DBM 2550 STD U
 DBM 3050 STD U
 DBM 3060 STD
 DBM 3080 STD

DCM 2740F II STD U
 DCM 2750F II STD U
 DCM 2760F II STD U
 DCM 2780F II STD U
 DCM 3250F II STD U
 DCM 3260F II STD U
 DCM 3280F II STD U
 DCM 3780F II STD U
 DCM 37100F II STD U
 DCM 4280F STD U
 DCM 2640H / 2650H
 DCM 3150H / 3160H / 3180H

FSW 2030
 FSW 2030T
 FSW 2030D
 FSW 2030TD

Horizontal Boring Mills

DBC 110 S II
 DBC 130 S II L II
 DBC 160 STD
 DBC 250 L II

Double Column Horizontal Boring Mills

DBD 1250
 DBD 1270
 DBD 1280

TURNING CENTER

Global Compact Turning Center | High Performance Horizontal Turning Center

LEO 1600 Lynx 2000/2100/2600 Lynx 210

6, 8, 10 inch Global Compact Turning Center



Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor * kW (Hp)
LEO 1600	6	320 (12.6)	303 (11.9)	4000	7.5 / 5.5 / 5.5 (10.1 / 7.4 / 7.4) **
Lynx 2000G	6/8	170 (6.7)	330 (13.0)	6000	15/15/11 (20.1 / 20.1 / 14.8)
Lynx 2100A / LA	6	350 (13.8)	330 / 550 (13.0 / 21.7)	6000	15/15/11 (20.1 / 20.1 / 14.8)
Lynx 2100B / LB	8	350 (13.8)	330 / 550 (13.0 / 21.7)	4500	15/15/11 (20.1 / 20.1 / 14.8)
Lynx 2100LC	10	350 (13.8)	537 (21.1)	3500	18.5/18.5/15 (24.8 / 24.8 / 20.1)
Lynx 2100MA / LMA	6	300 (11.8)	290 / 510 (11.4 / 20.1)	6000	15/15/11 (20.1 / 20.1 / 14.8)
Lynx 2100MB / LMB	8	300 (11.8)	290 / 510 (11.4 / 20.1)	4500	15/15/11 (20.1 / 20.1 / 14.8)
Lynx 2100LMC/LMSC	10	300 (11.8)	497 (19.6)	3500	18.5/18.5/15 (24.8 / 24.8 / 20.1)
Lynx 2100LMSA	6	300 (11.8)	510 (20.1)	6000	15/11/11 (20.1 / 14.8/14.8)
Lynx 2100LMSB	8	300 (11.8)	510 (20.1)	4500	15/11/11 (20.1 / 14.8/14.8)
Lynx 2100LYA / LYB	6/8	300 (11.8)	510 (20.1)	6000 / 4500	15/11/11 (20.1 / 14.8/14.8)
Lynx 2100LSYA/LSYB	6	300 (11.8)	510 (20.1)	6000 / 4500	15/11/11 (20.1 / 14.8/14.8)
Lynx 2600	10	460(18.1)	658(25.9)	3500	18.5/15 (24.8/20.1)
Lynx 2600M	10	380(15.0)	610(24.0)	3500	18.5/15 (24.8/20.1)
Lynx 2600Y	10	380(15.0)	610(24.0)	3500	18.5/15 (24.8/20.1)
Lynx 2600SY	10	380(15.0)	610(24.0)	3500	18.5/15 (24.8/20.1)
Lynx 210A / B	6 / 8	280 (11.0)	280 / 300 (11.0 / 11.8)	6000 / 5000	15/15/11 (20.1 / 20.1 / 14.8)

L : Long bed M : Milling S : Sub spindle * S3 25%/15min/Cont. **S3 25%/Cont.

PUMA 2100 / 2600 / 3100

High Performance
Horizontal Turning Center



Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor * kW (Hp)
PUMA 2100MS [LMS]	8	406 (16.0)	520 [760] (20.5 [29.9])	4500	25/18.5/15 (33.5/24.8/20.1)
PUMA 2100Y II / LY II	8	406 (16.0)	520 / 760 (20.5 / 29.9)	5000	22/22/11 (29.5/29.5/14.8)**
PUMA 2100SY II / LSY II	8	406 (16.0)	520 / 760 (20.5 / 29.9)	5000	22/22/11 (29.5/29.5/14.8)**
PUMA 2600MS [LM / LMS]	10	376 (14.8)	760 [1280] (29.9 [50.4])	3500	30/22/18.5 (40.2/29.5/24.8)
PUMA 2600B / SB [LB]	12	481 (18.9)	755 [1275] (29.7 [50.2])	2800	26/22/18.5 (34.9/29.5/24.8)
PUMA 2600MB / MSB [LMB]	12	376 (14.8)	725 [1245***] (28.5 [49.0])	2800	26/22/18.5 (34.9/29.5/24.8)
PUMA 2600Y II / LY II	10	376 (14.8)	760 / 1280 (29.9 / 50.4)	4000	22/22/15 (29.5/29.5/20.1)
PUMA 2600SY II / LSY II	10	376 (14.8)	760 / 1280 (29.9 / 50.4)	4000	22/22/15 (29.5/29.5/20.1)
PUMA 2600YB II / SYB II [LYB II / LSYB II]	12	376 (14.8)	725 [1245] (28.5 [49.0])	2800	26/22/18.5 (34.9/29.5/24.8)
PUMA 3100 / L	12	525 (20.7)	790 / 1310 (31.1 / 51.6)	2800	26/22/18.5 (34.9/29.5/24.8)
PUMA 3100XL / UL	12	525 (20.7)	2150 / 3150 (84.7 / 124.0)	2800	26/22/18.5 (34.9/29.5/24.8)
PUMA 3100M / Y [LM / LY]	12	420 (16.5)	765 / 1285 (30.1 / 50.6)	2800	26/22/18.5 (34.9/29.5/24.8)
PUMA 3100SY / LSY	12	420 (16.5)	765 / 1285 (30.1 / 50.6)	2800 {3000}	30/26/18.5 (40.2/34.9/24.8) {30/25 (40.2/33.5)}
PUMA 3100XLM / XLY [ULM / ULY] XLYB / ULYB	12	420 (16.5)	2125 / 3125 (83.7 / 123.0)	2800	30/26/18.5 (40.2/34.9/24.8)

L : Long bed XL : Xtra long bed UL : Ultra long bed M : Milling S : Sub spindle Y : Y-axis milling * 30min/Cont.

TURNING CENTER

Global Standard Turning Center | Medium to Large Turning Center

PUMA DNT2100 / 2600 PUMA GT2600 / 3100

8, 10, 12 inch Global Standard Turning Center



Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor * kW (Hp)
PUMA DNT2100/M	8{10}	400/320 (15.7/12.6)	562/513 (22.1/20.2)	4500	18.5/15/15 (24.8/20.1/20.1)
PUMA DNT2100B/MB	10	400/320 (15.7/12.6)	550/501 (21.7/19.7)	3500	18.5/15/15 (24.8/20.1/20.1)
PUMA DNT2600/L	10{12}	460 (18.1)	658 (25.9)	3500	26/22/18.5 (34.9/29.5/24.8)
PUMA DNT2600M/LM	10{12}	380 (15.0)	610 (24)	3500	26/22/18.5 (34.9/29.5/24.8)
PUMA GT2600XLA/XLMA	10	460/410 (18.1/16.1)	1603/1555 (63.1/61.2)	3500	26/22/18.5** (34.9/29.5/24.8)
PUMA GT2600XLB/XLMB	12	460/410 (18.1/16.1)	1573/1525 (61.9/60.0)	2500	26/22/18.5** (34.9/29.5/24.8)
PUMA GT3100A / LA	10	481 (18.9)	790 / 1310 (31.1/51.6)	3500	35/26/22**** (47.0/34.9/29.5)
PUMA GT3100MA / LMA	10	376 (14.8)	760 / 1280 (29.9/50.4)	3500	22/18.5***** (29.5/24.8)
PUMA GT3100 / L	12	481 (18.9)	755 / 1275 (29.7 / 50.2)	2800	35/26/22*** (47.0/34.9/29.5)
PUMA GT3100M / LM	12	376 (14.8)	725 / 1245 (28.5 / 49.0)	2800	26/22/18.5** (34.9/29.5/24.8)

* 15min/Cont ** 30min/Cont. *** S3 25%/30min/Cont. ****S3 25%/S3 60%/Cont. *****S3 60%/Cont.

PUMA 4100

Medium to Large Turning Center with 2-axis to Milling Machining Capability



Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor * kW (Hp)
PUMA 4100A / LA / XLA	12	550 (21.7)	1074 / 2124 / 3152 (42.3 / 83.6 / 124.1)	3000	35/26/22** (47.0/34.9/29.5)
PUMA 4100B / LB / XLB	15	550 (21.7)	1042 / 2092 / 3120 (41.0 / 82.4 / 122.8)	2000	35/26/22** (47.0/34.9/29.5)
PUMA 4100C / LC / XLC	21	550 (21.7)	1002 / 2052 / 3080 (39.4 / 80.8 / 121.3)	1500	37/30 (49.7/40.3)
PUMA 4100MA / LMA / XLMA	12	550 (21.7)	1010 / 2060 / 3100 (39.8 / 81.1 / 122.0)	3000	30/22 (40.3/29.5)
PUMA 4100MB / LMB / XLMB	15	550 (21.7)	978 / 2028 / 3068 (38.5 / 79.8 / 120.8)	2000	30/22 (40.3/29.5)
PUMA 4100MC / LMC / XLMC	21	550 (21.7)	938 / 1988 / 3028 (36.9 / 78.3 / 119.2)	1500	37/30 (49.7/40.3)

L : Long bed M : Milling * 30min/Cont. ** S3 25%/30min/Cont.

PUMA 5100

Medium to Large Turning Center with 2-axis to Y-axis Machining Capability



Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor * kW (Hp)
PUMA 5100A / LA / XLA	15	650 (25.6)	1032 / 2082 / 3082 (40.6 / 82.0 / 121.3)	2000	37/30 (49.7/40.3)
PUMA 5100B / LB / XLB	21	650 (25.6)	992 / 2042 / 3042 (39.1 / 80.4 / 119.8)	1500	45/37 (60.4/49.7)
PUMA 5100C / LC / XLC	-	650 (25.6)	992 / 2042 / 3042 (39.1 / 80.4 / 119.8)	1000	45/37 (60.4/49.7)
PUMA 5100MA / LMA / XLMA	15	650 (25.6)	992 / 2042 / 3068 (39.1 / 80.4 / 120.8)	2000	37/30 (49.7/40.3)
PUMA 5100MB / LMB / XLMB	21	650 (25.6)	952 / 2042 / 3028 (37.5 / 80.4 / 119.2)	1500	45/37 (60.4/49.7)
PUMA 5100LYA / XLYA	15	550 (21.7)	2050 / 3070 (80.7 / 120.9)	2000	37/30 (49.7/40.3)
PUMA 5100LYB / XLYB	21	550 (21.7)	2020 / 3040 (79.5 / 119.7)	1500	45/37 (60.4/49.7)
PUMA 5100LYC	-	550 (21.7)	2020 (79.5)	1000	45/37 (60.4/49.7)

L : Long bed M : Milling Y : Y axis Milling * 30min/Cont.

TURNING CENTER

Large Horizontal Turning Center | Horizontal Multi turret Turning Center

PUMA 600 II / 700 II / 800 II

Large Horizontal Turning Center with 2-axis to Y-axis Machining Capability



Machine	Chuck mm (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor * kW (Hp)
PUMA 600II / M II	18	900 (35.4)	1600 (63.0)	1800	55/45/37 (73.8 / 60.4/49.7)
PUMA 600L II / LM II	18	900 (35.4)	3200 (126.0)	1800	55/45/37 (73.8 / 60.4/49.7)
PUMA 600XL II / XLM II	18	900 (35.4)	5050 (198.8)	1800	55/45/37 (73.8 / 60.4/49.7)
PUMA 700 II / M II	24	900 (35.4)	1600 (63.0)	1500	55/45/37 (73.8 / 60.4/49.7)
PUMA 700L II / LM II	24	900 (35.4)	3200 (126.0)	1500	55/45/37 (73.8 / 60.4/49.7)
PUMA 700XL II / XLM II	24	900 (35.4)	5050 (198.8)	1500	55/45/37 (73.8 / 60.4/49.7)
PUMA 800 II / M II	32	900 (35.4)	1600 (63.0)	750	55/45/37 (73.8 / 60.4/49.7)
PUMA 800B II / LB II	-	900 (35.4)	1600 (63.0) / 3200 (126.0)	500	55/45/37** (73.8 / 60.4/49.7)
PUMA 800L II / LM II	32	900 (35.4)	3200 (126.0)	750	55/45/37 (73.8 / 60.4/49.7)
PUMA 800XL II / XLM II	32	900 (35.4)	5050 (198.8)	750	55/45/37 (73.8 / 60.4/49.7)
PUMA 600LY II / XLY II	18	750 (29.5)	3250/5050 (128.0/198.8)	1800	55/45/37 (73.8 / 60.4/49.7)
PUMA 700LY II / XLY II	24	750 (29.5)	3250/5050 (128.0/198.8)	1500	55/45/37 (73.8 / 60.4/49.7)
PUMA 800LY II / XLY II	32	750 (29.5)	3250/5050 (128.0/198.8)	750	55/45/37 (73.8 / 60.4/49.7)

L : Long bed XL : Xtra long bed M : Milling Y : Y-axis milling * 30min/Cont. ** Big bore

PUMA 1000

Large-sized Big bore Heavy Duty Turning Center with upto 560mm spindle bore



Machine	Chuck mm (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor * kW (Hp)
PUMA 1000A	-	1000 (39.4)	2040 (80.3)	500	75/60 (100/80)
PUMA 1000B	-	1000 (39.4)	2040 (80.3)	300	75/60 (100/80)
PUMA 1000MA	-	1000 (39.4)	2040 (80.3)	500	75/60 (100/80)
PUMA 1000MB	-	1000 (39.4)	2040 (80.3)	300	75/60 (100/80)

* 30min/Cont.

PUMA TT1300 / 1800 / 2100 / 2500 PUMA TL2000 / 2500

Horizontal Multi turret Turning Center



Machine	Chuck mm (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor * kW (Hp)
PUMA TT1300SYYB	(Left)6/ (Right)5	175 (6.9)	120 (4.7)	6000	15/11/7.5(L), 11/7.5/5.5(R) ¹⁾ (20.1/14.8/10.1), (14.8/10.1/7.4)
PUMA TT1800SY	8	230 (9.1)	230 (9.1)	5000	22/18.5(29.5/24.8)
PUMA TT2100SYY	8	230 (9.1)	230 (9.1)	5000	25/18.5/15(L), 22/18.5(R) ²⁾ (33.5/24.8/20.1), (29.5/24.8)
PUMA TT2100SYYB	(Left)10/ (Right)8	230 (9.1)	230 (9.1)	3500(L) 5000(R)	22/18.52 (29.5/24.8)
PUMA TT2500SY	10	U : 390 (15.4) L : 300 (11.8)	350 (13.8)	3500	26/22 (34.9/29.5)
PUMA TL2000	8	U : 370 (14.6) L : 240 (9.4)	600 / 1000 (23.6 / 39.4)	5000	22/18.5/15** (29.5/24.8/20.1)
PUMA TL2500/L	10	U : 370 (14.6) L : 240 (9.4)	600/1000/1250 (23.6/39.4/49.2)	4000	26/22 (34.9/29.5)

M : Milling S : Sub spindle Y : Y-axis milling U : on upper turret L : on lower turret

* 30min/Cont. ** 10min/30min/Cont. 1) S3 25%/S3 60%/Cont. 2) S3 60% / Cont.

TURNING CENTER

Twin Spindle Turning Center | Twin Spindle Turning Center with Gantry Loader | Aluminum Wheel Turns

PUMA TW2100/2100-GL/ 2600/2600-GL

Twin Spindle Turning Center



Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor * kW (Hp)
PUMA TW2100(W)/(W)M	8 {6}	240 (9.4)	128 (5.0)	4500 { 6000 }	15/11 (20.1/14.8)
PUMA TW2600(W)/(W)M	10{8,12}	360 (14.1)	170 (6.7)	3500	18.5/15** (24.8/20.1)
PUMA TW2600(W)B/(W)MB	12	Ø360 (14.1)	170 (6.7)	3500	22/18.5 (29.5/24.8)

{ } : Option M : Milling * 30min/Cont. ** 15min/Cont.

Twin Spindle Turning Center with Gantry Loader



Machine	Max. Handling dia. mm (inch)	Max. Work Weight kg (lb)	Std. Loading Time (s)
PUMA TW2100(W)-GL/(W)M-GL	Ø130 x 65(5.1 x 2.6) {Ø180 x 80 (7.1 x 3.1) }	3 (6.6)	5.7
PUMA TW2600(W)-GL/(W)M-GL	Ø200 x 90(7.9 x 3.5) {Ø320 x 35 (12.6 x 1.4) }	6 (13.2)	7.9
PUMA TW2600(W)B-GL/(W)MB-GL	Ø225 (8.9)	6 (13.2)	7.9

{ } : Option

PUMA VAW 800

Vertical Aluminum Wheel Turns

Machine	Wheel Size (inch)	Max. Turning Length mm (inch)	Spindle Speed (r/min)	Motor * kW (Hp)
PUMA VAW800	28	711 (28.0)	2000	55/45** (73.8/60.4)

* S3 25%/Cont. * *S3 40% 30min/Cont.

TURNING CENTER

DN Multi axis Turning center | Multi-Tasking Turning center | Ceramic & quartz grinding machine

DNX series

DN Multi axis Turning center



reddot winner 2025



Machine	Chuck (inch)	Max. Machining Dia. mm (inch)	Max. Machining Length mm (inch)	Max. Spindle Speed (r/min)	Spindle Motor kW (Hp)
DNX 2100/S	8	410 (16.1)	1100 (43.3)	5000	18.5 (24.8)
DNX 2100B/SB	10	410 (16.1)	1100 (43.3)	4000	22 (29.5)

SMX 2600 / 3100, SMX 2100 / 5100

Multi-Tasking Turning center



Machine	Chuck (inch)	Max. Machining Dia. mm (inch)	Max. Machining Length mm (inch)	Spindle Speed Main / Milling (r/min)	Motor Main / Sub / Milling kW (Hp)
SMX 2100/S/ST	8	600 (23.6)	1040 (40.9)	5000	22/18.5/15 (29.5/24.1/20.1)
SMX 2100L	8	600 (23.6)	1540 (60.6)	5000	22/-/22 (29.5/-/29.5)
SMX 2100B/SB/STB	10	600 (23.6)	1040 (40.9)	4000	22/22/15 (29.5/29.5/20.1)
SMX 2600/S/ST	10	660 (26.0)	1540 (60.6)	4000 / 12000	30/26/22 (40.2/34.9/29.5)
SMX 3100/S/ST	12	660 (26.0)	1540 (60.6)	3000 / 12000	30/25 (40.2/33.5)
SMX 3100L/LS	12	660 (26.0)	2540 (100.0)	3000 / 12000	30/25 (40.2/33.5)
SMX 3100B/835	12 {15}	760 (29.9)	790 (31.1)	2400/12000	30/25 (40.2/33.5)
SMX 5100	15	830 (32.7)	2050 (80.7)	2400	37/30 (49.6/40.2)
SMX 5100L/XL	15	830 (32.7)	3050/4070 (120.1/160.2)	2400/10000	37/30 (49.6/40.2)
SMX 5100LB/XLB	21	830 (32.7)	3050/4070 (120.1/160.2)	1500/10000	37/30 (49.6/40.2)
SMX 5100LS	15	830 (32.7)	3050 (120.1)	2400/10000	37/30 (49.6/40.2)
SMX 5100LSB	21	830 (32.7)	3050 (120.1)	1500/10000	37/30 (49.6/40.2)

L : Long bed S : Sub spindle T : Turret * Sub spindle : 4000 r/min **2.5min / 30min / Cont.

DNC 8050 / 8060

Ceramic & quartz grinding machine



Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Machining Length mm (inch)	Max. Spindle Speed (r/min)	Spindle Motor * kW (Hp)
DNC 8050	12~20	810 (31.9)	500	27.4 / 17.2 (36.7 / 23.1) {TBD}	18.5
DNC 8060	12~20	810 (31.9)	500	27.4 / 17.2 (36.7 / 23.1) {TBD}	22

{ } : Option *S3 15% / S3 40% / Cont.

TURNING CENTER

High Productivity · Performance Vertical Turning Center | Large Vertical Turning Center with RAM Head Spindle

PUMA V400 / PV 6300 / PUMA V8300 / PV 9300

High Productivity Vertical Turning Center



Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Height mm (inch)	Spindle Speed (r/min)	Motor * kW (Hp)
PUMA V400	12	496 (19.5)	461 (18.1)	3000	22/18.5 (29.5/24.8)
PUMA V400M	12	420 (16.5)	400 (15.7)	3000	22/18.5 (29.5/24.8)
PUMA V400P	12	496 (19.5)	461 (18.1)	3000	22/18.5 (29.5/24.8)
PV 6300/M	15	630 (24.8)	600 (23.6)	2000	30/22 (40.2/29.5)
PUMA V8300	15	830 (32.7)	750 (29.5)	2000	37/30 ** (49.6/40.2)
PUMA V8300M	15	830 (32.7)	750 (29.5)	2000	37/30 * (49.6/40.2)
PV 9300/M	24	930 (36.6)	801 (31.5)	1800	45/37 (60.3/49.6)

M : Milling * 30min/Cont. ** S6 40% / Cont.

PUMA VT1100

High Performance Vertical Turning Center



Machine	Chuck (inch)	Max. Turning Dia. mm (inch)	Max. Turning Height mm (inch)	Max. Spindle Speed (r/min)	Spindle Motor * kW (Hp)
PUMA VT1100	32	1100 (43.4)	960 (37.8)	850	60/55/45** (80.5/73.8/60.4)
PUMA VT1100M	32	1100 (43.4)	960 (37.8)	850	60/55/45** (80.5/73.8/60.4)

M : Milling 2SP : Twin spindle * 30min/Cont. ** 10min/30min/Cont.

PUMA VTR1012F / 1216F / 1216 / 1620 / 2025

Large Vertical Turning Center with
RAM Head Spindle



Machine	Max. Turning Dia. mm (inch)	Max. Turning Height mm (inch)	Max. Spindle Speed (r/min)	Spindle Motor kW (Hp)
PUMA VTR1012F	1250 (49.2)	750 (29.5)	600	45/37* (60.3/49.6)
PUMA VTR1012FC	1250 (49.2)	695 (27.4)	600	45/37* (60.3/49.6)
PUMA VTR1216F	1600 (63.0)	950 (37.4)	400	45/37* (60.3/49.6)
PUMA VTR1216FC	1600 (63.0)	855 (33.7)	400	45/37* (60.3/49.6)
PUMA VTR1216FM	1600 (63.0)	950 (37.4)	400	45/37* (60.3/49.6)
PUMA VTR1216 / M	1600 (63.0)	1250 (49.2)	400	45/37* (60.3/49.6)
PUMA VTR1620/M	2000 (78.7)	1800 (70.9)	300	45/37* (60.3/49.6)
PUMA VTR2025 / M	2500 (98.4)	2000 (78.7)	200	75/60** (100/80)

M : Milling * S3 60%/Cont. ** 30min/Cont.

MACHINING CENTER

Tapping Center | Compact Vertical Machining Center | Global Standard Vertical Machining Center

T 4000

High-Speed, High-Productivity Tapping Center



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	spindle speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
T 4000	520{700} / 400 / 350 (20.5{27.6} / 15.7 / 13/8)	650 x 400 (25.6 x 15.7)	12000 {18000}	21	13 / 3.7 (17.4 / 5.0) {2.2 / 1.1(3.0 / 14.8)}
T 4000L	520{700} / 400 / 350 (20.5{27.6} / 15.7 / 13/8)	850 x 400 (33.5 x 15.7)	12000 {18000}	21	13 / 3.7 (17.4 / 5.0) {2.2 / 1.1(3.0 / 14.8)}
T 4000HP	520{700} / 400 / 350 (20.5{27.6} / 15.7 / 13/8)	650 x 400 (25.6 x 15.7)	12000	21	36 / 7.5 (48.3 / 10.1)
T 4000LHP	520{700} / 400 / 350 (20.5{27.6} / 15.7 / 13/8)	650 x 400 (25.6 x 15.7) {850x400 (33.5x 15.7)}	12000	21	36 / 7.5 (48.3 / 10.1)
T 4000HS	520{700} / 400 / 350 (20.5{27.6} / 15.7 / 13/8)	650x400 (25.6 x 15.7)	24000	21	5.5 / 3.7 (7.4 / 5.0)
T 4000LHS	520{700} / 400 / 350 (20.5{27.6} / 15.7 / 13/8)	850 x 400 (33.5x 15.7)	24000	21	11/2.2 (14.8/3.0)

{ } : Option * 30min/Cont.

DEM 4000

Compact Vertical Machining Center



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	spindle speed (r / min)	Tool Storage (ea)	Motor kW (Hp)
DEM 4000	550 / 400 / 450 (21.7 / 15.7 / 17.7)	650 x 400 (25.6 x 15.7)	8000	20	7.5/5.5 (10.1/7.4)

{ } : Option

DNM 4000 / 4500 / 5700 / 6700

DNM 650/50 II

DNM 750/50 II, 750L/50 II

SVM 4100/5100L

Global Standard Vertical Machining Center



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	spindle speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
DNM 4000	520 / 400 / 480 (20.5 / 15.7 / 18.9)	650 x 400 (25.6 x 15.7)	12000	20	18.5(10min) / 11(Cont.)
SVM 4100	770 / 410 / 510 (30.3 / 17.7 / 20.1)	920 x 410 (36.2 x 16.1)	12000	30	18.5/5.5 (24.8/7.4)
SVM 5100L	1270 / 510 / 510 (50.0 / 20.1 / 20.1)	1320 x 510 (52.0 x 20.1)	12000	30	18.5/5.5 (24.8/7.4)
DNM 4500 ^{4th}	800 / 450 / 510 (31.5 / 17.7 / 20.1)	1000 x 450 (39.4 x 17.7)	8000 {8000*****, 12000, 15000}	30{40} / 60 : SQ	18.5/11 {15/11} (24.8/20.1 {20.1/14.8})
DNM 4500L ^{4th}	910 / 450 / 510 (35.8 / 17.7 / 20.1)	1050 x 450 (41.3 x 17.7)	8000 {8000*****, 12000, 15000}	30	18.5/11 {15/11} (24.8/20.1 {20.1/14.8})
DNM 5700 ^{4th}	1050 / 570 / 510 (41.3 / 22.4 / 20.1)	1300 x 570 (51.2 x 22.4)	8000 {8000*****, 12000, 15000}	30{40} / 60 : SQ	18.5/11 {15/11} (24.8/20.1 {20.1/14.8})
DNM 5700L ^{4th}	1300 / 570 / 510 (51.2 / 22.4 / 20.1)	1500 x 570 (59.1 x 22.4)	8000 {8000*****, 12000, 15000}	30	18.5/11 {15/11} (24.8/20.1 {20.1/14.8})
DNM 6700 ^{4th}	1300 / 670 / 625 (51.2 / 26.4 / 24.6)	1500 x 670 (59.1 x 26.4)	8000 {8000*****, 12000, 15000}	30{40} / 60 : SQ	18.5/11 {15/11} (24.8/20.1 {20.1/14.8})
DNM 6700L ^{4th}	1500 / 670 / 625 (59.1 / 26.4 / 24.6)	1600 x 670 (63.0 x 26.4)	8000 {8000*****, 12000, 15000}	30 {40}	18.5/11 {15/11} (24.8/20.1 {20.1/14.8})
DNM 6700XL	2100 / 670 / 625 (82.7 / 26.4 / 24.6)	2200 x 670 (86.6 x 26.4)	8000 {12000, 8000}	30(40,60)	18.5/15 (24.8/20.1)
DNM 750 II	1630 / 762 / 650 (54.2 / 30.0 / 25.6)	1630 x 760 (64.2 x 29.9)	8000 { 12000 }	30 { 0, 60 }	18.5/15*** (24.8/20.1)
DNM 750L II	2160 / 762 / 650 (85.0 / 30.0 / 25.6)	2160 x 760 (85.0 x 29.9)	8000 { 12000 }	30 {40, 60}	18.5/15*** (24.8/20.1)
DNM 750/50 II	1630 / 762 / 650 (54.2 / 30.0 / 25.6)	1630 x 760 (64.2 x 29.9)	8000 { 10000 }	24 {30}	18.5/7.5**** (24.8/10)
DNM 750L/50 II	2160 / 762 / 650 (85.0 / 30.0 / 25.6)	2160 x 760 (85.0 x 29.9)	8000 { 10000 }	24 {30}	18.5/7.5**** (24.8/10)
DNM 650/50 II	1270 / 670 / 625 (50.0 / 26.4 / 24.6)	1300 x 670 (51.2 x 26.4)	8000 { 10000 }	24 {30}	22/11 (29.5/14.8)

{ } : Option * S3 15%/Cont. ** 15min/Cont. *** S3 60%/Cont. **** 5min/Cont.
***** 8000 r/min High torque version(FANUC only)

MACHINING CENTER

Heavy Duty Vertical Machining Center | 5 Axis Vertical Machining Center |

High Speed · High Precision Premium Vertical Machining Center | 2 spindle Vertical Machining Center

Mynx 5400 II / 6500 II / 7500 II / 9500

Heavy Duty Vertical Machining Center



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
Mynx 5400 II	1020 / 550 / 530 (40.2 / 21.7 / 20.9)	1200 x 540 (47.2 x 21.3)	8000 { 12000 }	30 { 40 }	15/11 (20.1/14.8)
Mynx 5400/50 II	1020 / 550 / 530 (40.2 / 21.7 / 20.9)	1200 x 540 (47.2 x 21.3)	6000 { 8000 }	24	15/15/11** (20.1 / 20.1 / 14.8)
Mynx 6500 II	1270 / 670 / 625 (50.0 / 26.4 / 24.6)	1400 x 670 (55.1 x 26.4)	8000 { 12000 }	30 { 40 }	15/11 (20.1/14.8)
Mynx 6500/50 II	1270 / 670 / 625 (50.0 / 26.4 / 24.6)	1400 x 670 (55.1 x 26.4)	6000 { 8000 }	24 { 30 }	15/15/11** (20.1 / 20.1 / 14.8)
Mynx 7500 II	1525 / 770 / 625 (60.0 / 30.3 / 24.6)	1600 x 750 (63.0 x 29.5)	12000	30 { 40 }	26/22 (34.9/29.5)
Mynx 7500/50 II	1525 / 770 / 625 (60.0 / 30.3 / 24.6)	1600 x 750 (63.0 x 29.5)	6000 { 8000 }	24 { 40 }	18.5/15 (24.8/20.1)
Mynx 9500	2500 / 950 / 800 (98.4 / 37.4 / 31.5)	2500 x 950 (98.4 x 37.4)	6000 { 10000 }	30 { 40 }	30/18.5**** (40.2/24.8)

{ } : Option * 30min/Cont. ** 15min/30min/Cont. *** 15min/Cont. **** S3 25%/Cont.

5 axis

5 Axis Vertical Machining Center



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
DVF 4000	620 / 440 / 430 (24.4 / 17.3 / 16.9)	Ø400(Ø15.7) {Ø500 x 460 (Ø19.7x18.1)}	12000 {15000}	30 {40,60}	18.5/11 (24.8/14.8)
DVF 5000 ^{2nd}	650 / 520 / 480 (25.6 / 20.5 / 18.9)	Ø630 (Ø24.8)	15000 {20000}	30 {40, 60, 120}	FANUC : 18.5 / (111) HEIDENHAIN : 17/101 SIEMENS : 16./112)
DVF 6500 ^{2nd}	750 / 785 / 600 (29.5 / 30.9 / 23.6)	Ø650 (Ø25.6)	15000 {20000}	40 {60,90,120}	FANUC : 30 (40.2) HEIDENHAIN/SIEMENS : 45 (60.3)
DVF 8000 ^{2nd}	1000 / 900 / 685 (39.4 / 35.4 / 27.0)	Ø800 (Ø31.5)	15000 {20000}	40 {60, 90,120}	FANUC : 30 (40.2) HEIDENHAIN/SIEMENS : 45 (60.3)
DVF 8000T	1000 / 900 / 685 (39.4 / 35.4 / 27.0)	Ø800 (Ø31.5)	20000	40 {60, 90,120}	FANUC : 22 / (18.51) (29.5/24.8) HEIDENHAIN/SIEMENS : 30/242) (40.2/32.2)
DNM 350/5AX	600 / 655 / 500 (23.6 / 25.8 / 19.7)	Ø350 (Ø13.8)	12000 {20000}	30 {40 , 60}	18.5/11 (24.8/14.8)
FM 200/5AX linear	200 / 340 / 300 (7.9 / 13.4 / 11.8)	Ø200 (Ø7.9)	42000	24	12.6**** (16.9)

{ } : Option * 10min / Cont. **S3 25%/Cont. ***S6 40%/Cont. **** Cont. 1) S3 25%/CONT. , 2)S6 40%/CONT.

BVM 5700

High Speed, High Precision Premium
Vertical Machining Center



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
BVM 5700	1050 / 570 / 460 (41.3 / 22.4 / 18.1)	1300 x 570 (51.2 x 22.4)	15000	30 {40}	37/15 (49.6/20.1)

{ } : Option *S3 15%/ Cont.

VC 4000D-2SP, XC4000DA-2SP

High Productivity 2 spindle Machining Center



Machine	X / Y / Z / W Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
VC 4000D-2SP	630 / 400 / 360 / 10 (24.8 / 15.7 / 14.2 / 0.4)	2-800 x 535 (2-31.5 x 21.1)	12000	2 x 24	13 (17.4)
XC 4000DA-2SP	630 / 400+190 / 360 (24.8 / 15.7+7.5 / 14.2)	2-790 x 300 (2-31.1 x 11.8)	12000	2 x 24	15/7.5 (20.1/10.1)

* S3 15%/ Cont.

MACHINING CENTER

High productivity machining center equipped with dual pallet | Multi Purpose Vertical Machining Center | Vertical Machining Center for Die & Mold Machining Center | Large·High-Speed·High-Precision Machining Center

VC 3600 / 430 / 510, VC 3600/30

High productivity machining center equipped with dual pallet



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage (ea)	Motor * kW (Hp)
VC 3600	520 / 360 / 465 (20.5 / 14.2 / 18.3)	2-650 x 375 (2-25.6 x 14.8)	12000	20	18.5 (24.8)**
VC 3600/30	520 / 360 / 350 (20.5 / 14.2 / 13.8)	2-650 x 375 (2-25.6 x 14.8)	12000 {18000}	14 {21}	13/3.7 (17.4/5.0)
VC 430	560 / 430 / 570 (22.0 / 16.9 / 22.4)	2-712 x 477 (2-28.0 x 18.8)	10000 {12000}	30 {40}	18.5/15 (24.8/20.1)
VC 510	762 / 516 / 570 (30.0 / 20.3 / 22.4)	2-860 x 570 (2-33.9 x 22.4)	10000 {6000, 12000}	30 {40}	18.5/15 (24.8/20.1)

{ } : Option * 30min/Cont. ** S3 15%

VCF 5500 / VCF 850 II

Multi Purpose Vertical Machining Center



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor kW (Hp)
VCF 5500L	2200 / 550 / 510 (86.6 / 21.7 / 20.1)	2500 x 580 (98.4*22.8)	12000	30 {40/60}	18.5/11 (24.8/14.8)
VCF 5500UL	5000 / 550 / 570 (196.9 / 21.7 / 22.4)	5600 x 580 (220.5 x 22.8)	12000	35	18.5/11 (24.8/14.8)
VCF 5500SL	6200 / 550 / 570 (244.1 / 21.7 / 22.4)	6600 x 580 (259.8 x 22.8)	12000	35	18.5/11 (24.8/14.8)
VCF 850SR II	2000 / 850 / 800 (78.7 / 33.5 / 31.5)	2500 x 870 (98.4 x 34.3)	12000 {18000}	30 {60}	HEIDENHAIN : 32/24* (42.9/32.2) FANUC : 22/18.5** (29.5/24.8)
VCF 850LSR II	3000 / 850 / 800 (118.1 / 33.5 / 31.5)	3500 x 870 (137.8 x 34.3)	12000 {18000}	30 {60}	HEIDENHAIN : 32/24* (42.9/32.2) FANUC : 22/18.5** (29.5/24.8)

{ } : Option *S6 40%/Cont. **30min/Cont.

VM 5400 / 6500 (#40)

High Performance Vertical Machining Center for Die & Mold Machining



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
VM 5400	1020 / 540 / 530 (40.2 / 21.3 / 20.9)	1200 x 540 (47.2 x 21.3)	12000	30 {40}	15.6 / 15.6 (20.9 / 20.9)
VM 6500	1270 / 670 / 625 (50.0 / 26.4 / 24.6)	1400 x 670 (55.1 x 26.4)	12000	30 {40}	15.6 / 15.6 (20.9 / 20.9)

{ } : Option * 30min/Cont.

VM 750 / 960 / 1260 (#50)

Large, High-Speed, High-Precision Machining Center



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
VM 750	1500 / 750 / 800 (59.1 / 29.5 / 31.5)	1600 x 800 (63.0 x 31.5)	6000 { 8000, 12000 }	30 {40}	18.5/15 (24.8/20.1)
VM 750L	1800 / 750 / 800 (70.9 / 29.5 / 31.5)	1900 x 800 (74.8 x 31.5)	6000 { 8000, 12000 }	30 {40}	18.5/15 (24.8/20.1)
VM 960	2000 / 960 / 800 (78.7 / 37.8 / 31.5)	2400 x 950 (94.5 x 37.4)	6000 { 8000, 12000 }	30 {40}	18.5/15 (24.8/20.1)
VM 960L	2400 / 960 / 800 (94.5 / 37.8 / 31.5)	2600 x 950 (102.4 x 37.4)	6000 { 8000, 12000 }	30 {40}	18.5/15 (24.8/20.1)
VM 1260	2500 / 1260 / 900 (98.4 / 49.6 / 35.4)	2800 x 1260 (110.2 x 49.6)	6000 { 8000, 12000 }	40	22/18.5 (29.5/24.8)

{ } : Option * 30min/Cont. ** 15min/Cont.

MACHINING CENTER

New Generation Die&Mold Machining Center | High Precision Die & Mold Vertical Machining Center |
High-Precision·High-Speed Vertical Machining Center | High-Precision Special Machining Center

MD 6700

New Generation Die&Mold Machining Center



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor kW (Hp)
MD 6700	1300 / 670 / 670 (51.2 / 26.4 / 26.4)	1500 x 670 (59.1 x 26.4)	12000 {8000}	24 {30}	30 (40.2)

{ } : Option

DVM 500 II / 650 II

High Precision Die & Mold Vertical Machining Center



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
DVM 500 II	1020 / 540 / 510 (40.2 / 21.3 / 20.1)	1200 x 540 (47.2 x 21.3)	20000	30 { 40 }	22/11 (29.5/14.8)
DVM 650 II	1270 / 670 / 625 (50.0 / 26.4 / 24.6)	1300 x 670 (51.2 x 26.4)	20000	30 { 40 }	22/11 (29.5/14.8)

{ } : Option * S3 15%, 10min/Cont.

NX 5500 II / MP 6500

High-Precision, High-Speed Vertical Machining Center



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
NX 5500 II	900 / 550 / 500 (35.4 / 21.7 / 19.7)	1000 x 550 (39.4 x 21.7)	20000 { 30000, 40000 }	30	22/11 (29.5/14.8)
MP 6500	1100 / 650 / 550 (43.3 / 25.6 / 21.7)	1200 x 650 (47.2 x 25.6)	20000	30	22/11 (29.5/14.8)

{ } : Option * 10min 15%/Cont.

VX 6500C/G

High-Precision Special Machining Center



Machine	X / Y / Z Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
VX 6500C	1050 / 650 / 550 (41.3 / 25.6 / 21.7)	1200 x 650 (47.2 x 25.6)	12000 {20000}	30	18.5/11* (24.8/14.8)*
VX 6500G	1050 / 650 / 550 (41.3 / 25.6 / 21.7)	1200 x 650 (47.2 x 25.6)	12000 {20000/30000/ 40000}	30	18.5/11* (24.8/14.8)*

{ } : Option * S3 15%/Cont.

MACHINING CENTER

Compact Horizontal Machining Center | High Speed · High Performance Horizontal Machining Center | Heavy duty Capability Horizontal Machining Center

NHC 4000 / 5000

Compact Horizontal Machining Center

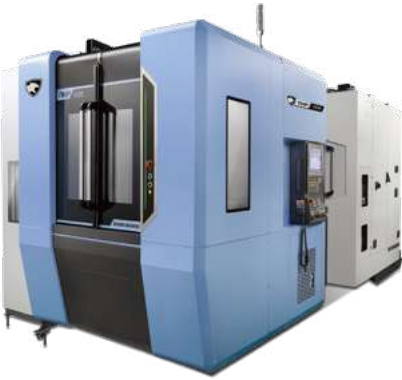


Machine	X / Y / Z Travel mm (inch)	Pallet Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
NHC 4000	600 / 560 / 565 (23.6 / 22.0 / 22.2)	400 x 400 (15.7 x 15.7)	8000 {12000, 15000}	40 {60, 80, 120, 170, 262}	18.5/11 (24.8/14.7)
NHC 5000	850 / 700 / 750 (33.5 / 27.6 / 29.5)	500 x 500 (19.7 x 19.7)	8000 {12000, 15000}	40 {60, 80, 120, 170, 262}	18.5/11 (24.8/14.7)

{ } : Option * 15min/Con

NHP 4000 / 5000 / 5500 / 6300 / 8000

High-Speed, High-Productivity
Horizontal Machining Center



Machine	X / Y / Z Travel mm (inch)	Pallet Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
NHP 4000	560 / 640 / 660 (22.0 / 25.2 / 26.0)	400 x 400 (15.7 x 15.7)	15000 {15000, 20000}	40 {60, 80, 120, 171, 275}	30/18.5 {37/22, 37/18.5} {40.2/24.8 {49.6/29.5, 49.6/24.8}}
NHP 5000	730 / 730 / 880 (28.7 / 28.7 / 34.6)	500 x 500 (19.7 x 19.7)	15000 {15000, 20000}	40 {60, 80, 120, 171, 275}	30/18.5 {37/22, 37/18.5} {40.2/24.8 {49.6/29.5, 49.6/24.8}}
NHP 5500 ^{2nd}	800 / 750 / 900 (31.5 / 29.5 / 35.4)	500 x 500 (19.7 x 19.7)	10000 {8000, 10000, 15000}	40 {60, 90, 120, 150, 196, 256, 316}	37/30/26** (49.6/40.2/34.9) {55/30*, 45/37/ 30/26***, 37/30*}
NHP 6300 ^{2nd}	1050 / 900 / 1000 (41.3 / 35.4 / 39.4)	630 x 630 (24.8 x 24.8)	10000 {6000, 6000HT, 15000}	40 {60, 90, 120, 150, 196, 256, 316}	45/25 (60.3/33.5) {37/22, 55/30, 37/30 (49.6/29.5, 73.8/40.2, 49.6/40.2)}
NHP 8000	1400 / 1200 / 1370 (55.1 / 47.2 / 53.9)	800 x 800 (31.5 x 31.5)	10000 {6000, 6000HT, 15000}	40 {60, 90, 120, 150, 196, 256, 316}	45/25 (60.3/33.5) {37/22, 55/30, 37/30 (49.6/29.5, 73.8/40.2, 49.6/40.2)}

{ } : Option * S3 25%/Cont. ** S3 25%/30min/Cont. *** S3 15%/S3 25%/30min/Cont.

NHM 5000 / 6300 / 8000

Heavy duty Capability
Horizontal Machining Center



Machine	X / Y / Z Travel mm (inch)	Pallet Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor* kW (Hp)
NHM 5000	800 / 700 / 850 (31.5 / 27.6 / 33.5)	500 x 500 (19.7 x 19.7)	6000 {8000}	60 { 90, 120, 150, 196, 256, 316, 376 }	25/15 (33.5/20.1)
NHM 6300	1050 / 850 / 1000 (41.3 / 33.5 / 39.4)	630 x 630 (24.8 x 24.8)	6000 {8000}	60 { 90, 120, 150, 196, 256, 316, 376 }	35/22** (46.9/29.5)
NHM 8000	1400 / 1050 / 1200 (55.1 / 41.3 / 47.2)	800 x 800 (31.5 x 31.5)	6000 {8000}	60 { 90, 120, 150, 196, 256, 316, 376 }	35/22** (46.9/29.5)

{ } : Option * S3 25%/Cont. ** S3 10%/Cont.

MACHINING CENTER

Large Horizontal Machining Center | 5 axis Horizontal Machining Center

HM 1000 / 1250

Large Horizontal Machining Center



Machine	X / Y / Z / W Travel mm (inch)	Pallet Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
HM 1000	2100 / 1250 / 1250 / - (82.7 / 49.2 / 49.2 / -)	1000 x 1000 (39.4 x 39.4)	6000 {8000}	60 { 90, 120, 196, 256 }	26/22 (34.9/29.5)
HM 1250	2100 / 1500 / 1500 / - (82.7 / 59.1 / 59.1 / -)	1250 x 1250 (49.2 x 49.2)	6000 {8000}	60 {90/120/196, 256,316(MATRIX)}	26/22 (34.9/29.5)
HM 1250W	2100 / 1400 / 1400 / 300 (82.7 / 55.1 / 55.1 / 11.8)	1250 x 1250 (49.2 x 49.2)	3000	60 {90/120/196, 256,316(MATRIX)}	45/37 (60.3/49.6)

{ } : Option * 30min/Cont.

DHF 8000 / ST

5 axis Horizontal Machining Center



Machine	X / Y / Z Travel mm (inch)	Pallet Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor* kW (Hp)
DHF 8000 / ST	1450 / 1200 / 1500 (57.1 / 47.2 / 59.1)	800 x 800 (31.5 x 31.5)	6000 {15000, 30000}	60 {90, 120, 150, 196 ~ 376}	35/22 (46.9/29.5)

{ } : Option

HFP 1540

5 axis Horizontal Machining Center



Machine	X / Y / Z Travel mm (inch)	Pallet Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor* kW (Hp)
HFP 1540	4200 / 1600 / 550 (165.4 / 63.0 / 21.7)	4000 x 1500 (157.5 x 59.1)	30000	60	90 (120.7)

{ } : Option

DOUBLE COLUMN MACHINING CENTER

High Speed · Customized Double Column Machining Center |
High-Quality · High-Speed Friction Stir Welding Solution

BM series

High Speed Double Column
Machining Center



Machine	X / Y / Z Travel mm (inch)	B/C Swivel Angle (deg)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor * kW (Hp)
BM 1530M	3000 / 1550 / 800 (118.1 / 61.0 / 31.5)	-	3000 x 1350 (118.1 x 53.1)	8000 / 12000	40 { 60 }	30/25 (40.2/33.5)
BM 2035M	3500 / 2050 / 800 (137.8 / 80.7 / 31.5)	-	3500 x 1850 (137.8 x 72.8)	8000 / 12000	40 { 60 }	30/25 (40.2/33.5)
BM 2035U	3500 / 2050 / 800 (137.8 / 80.7 / 31.5)	± 110 / ± 220	3500 x 1600 (137.8 x 63.0)	15000	60	45.9/34 (61.6/45.6)
BM 2740 / M	4000 / 2700 / 800 (157.5 / 106.3 / 31.5)	-	4000 x 2500 (157.5 x 98.4)	10000 / 12000	40 { 60 }	30/25 (40.2/33.5)
BM 2740U	4000 / 2500 / 800 (157.5 / 98.4 / 31.5)	± 110 / ± 220	4000 x 2500 (157.5 x 98.4)	15000 {30000}	60	45.9 / 34 (61.6 / 45.6) {90 / 78.3(120.7 / 105.0) }

{ } : Option * 30min/Cont. **Cont.

DBM / DCM II series

Customized Double
Column Machining Center



Machine	X / Y / Z(U)/W(U) Travelmm (inch)	B/C Swivel Angle (deg)	Table Size mm (inch)	Spindle Speed (r / min)	Effective width between column mm (inch)	Motor* kW (Hp)
DBM 1525s	2800/1350/750/-	-	2800 x 1250	12000	1550	25**
DBM 2030 (U)	3250/2500/800 (128.0/98.4/31.5)	(± 110 / ± 220)	1500 x 3000 (59.1 x 118.1)	6000 {8000} (15000{30000})	2000 (78.7)	55/37** (73.8/49.6) (34 (45.6))**
DBM 2040 (U)	4250 / 2500 / 1100(800) (167.3 / 98.4 / 43.3(31.5))	(± 110 / ± 220)	1500 x 4000 (59.1 x 157.5)	6000 {8000} (15000{30000})	2000 (78.7)	55/37** (73.8/49.6) (34 (45.6))**
DBM 2540 (U)	4250 / 3000 / 1100(800) / - (167.3 / 118.1 / 43.3(31.5) / -)	(± 110 / ± 220)	2000 x 4000 (78.7 x 157.5)	6000 {8000} (15000{30000})	2500 (98.4)	55/37** (73.8/49.6) (34 (45.6))**
DBM 2550 (U)	5250 / 3000 / 1100(800) / - (206.7 / 118.1 / 43.3(31.5) / -)	(± 110 / ± 220)	2000 x 5000 (78.7 x 196.9)	6000 {8000} (15000{30000})	2500 (98.4)	55/37** (73.8/49.6) (34 (45.6))**
DBM 3050 (U)	5250 / 3500 / 1100(800) (206.7 / 137.8 / 43.3(31.5))	(± 110 / ± 220)	2500 x 5000 (98.4 x 196.9)	6000 {8000} (15000{30000})	3000 (118.1)	55/37** (73.8/49.6) (34 (45.6))**
DBM 3060	6250 / 3500 / 800(1100) (246.1 / 137.8 / 31.5(43.3))	-	2500x6000 (98.4 x 315.0)	6000{8000}	3000 (118.1)	55/37** (73.8/49.6)
DBM 3080	8250/3500/800 (324.8/137.8/31.5)	-	2500 x 8000 (98.4 x 315.0)	6000 {8000}	3000 (118.1)	55/37** (73.8/49.6)
DCM 2740F II (U)	4250 / 3200 / 700(1000) / 1100 (167.3 / 126.0 / 27.6(39.4) / 43.3)	(± 110 / ± 220)	2200 x 4100 (86.6 x 161.4)	6000 {4000, 12000} (15000{30000})	2700 (106.3)	25/22 (33.5/29.5) (34 (45.6))**
DCM 2750 F II (U)	5250 / 3200 / 700(1000) / 1100 (206.7 / 126.0 / 27.6(39.4) / 43.3)	(± 110 / ± 220)	2200 x 5100 (86.6 x 200.8)	6000 { 4000, 12000} (15000{30000})	2700 (106.3)	25/22 (33.5/29.5) (34 (45.6))**
DCM 2760 F II (U)	6250 / 3200 / 700(1000) / 1100 (246.1 / 126.0 / 27.6(39.4) / 43.3)	(± 110 / ± 220)	2200 x 6100 (86.6 x 240.2)	6000 { 4000, 12000} (15000{30000})	2700 (106.3)	25/22 (33.5/29.5) (34 (45.6))**
DCM 2780F II (U)	8250 / 3200 / 700(1000) / 1100 (324.8 / 126.0 / 27.6(39.4) / 43.3)	(± 110 / ± 220)	2200 x 8100 (86.6 x 318.9)	6000 { 4000, 12000} (15000{30000})	2700 (106.3)	25/22 (33.5/29.5) (34 (45.6))**
DCM 3250 F II (U)	5250 / 3700 / 700(1000) / 1100 (206.7 / 145.7 / 27.6(39.4) / 43.3)	(± 110 / ± 220)	2700 x 5100 (106.3 x 200.8)	6000 { 4000, 12000} (15000{30000})	3200 (126.0)	25/22 (33.5/29.5) (34 (45.6))**
DCM 3260F II (U)	6250 / 3700 / 700(1000) / 1100 (246.1 / 145.7 / 27.6(39.4) / 43.3)	(± 110 / ± 220)	2700 x 6100 (106.3 x 240.2)	6000 { 4000, 12000} (15000{30000})	3200 (126.0)	25/22 (33.5/29.5) (34 (45.6))**
DCM 3280F II (U)	8250 / 3700 / 700(1000) / 1100 (324.8 / 145.7 / 27.6(39.4) / 43.3)	(± 110 / ± 220)	2700 x 8100 (106.3 x 318.9)	6000 { 4000, 12000} (15000{30000})	3200 (126.0)	25/22 (33.5/29.5) (34 (45.6))**
DCM 3780F II (U)	8250 / 4200 / 1000 / 1100(1400) (324.8 / 165.4 / 39.4 / 43.3(55.1))	(± 110 / ± 220)	3200 x 8100 (126.0 x 318.9)	6000 { 4000, 12000} (15000{30000})	3700 (145.7)	25/22 (33.5/29.5) (34 (45.6))**
DCM 37100F II (U)	10250 / 4200 / 1000 / 1100(1400) (403.5 / 165.4 / 39.4 / 43.3(55.1))	(± 110 / ± 220)	3200 x 10100 (126.0 x 397.6)	6000 { 4000, 12000} (15000{30000})	3700 (145.7)	25/22 (33.5/29.5) (34 (45.6))**
DCM 4280F II (U)	8250 / 5000 / 1000 / 1100(1400) (324.8 / 196.9 / 39.4 / 43.3(55.1))	(± 110 / ± 220)	3500 x 8100 (137.8 x 318.8)	6000 { 4000, 12000} (15000{30000})	4200 (165.4)	25/22 (33.5/29.5) (34 (45.6))**
DCM 2640/2650H	4250 {5250} / 3200 / 800 / 1200 (167.3 {206.7} / 126.0 / 31.5 / 47.2)	-	2000 x 4000 {5000} (78.7 x 157.5 {196.9})	6000 {4000, 12000}	2650 (104.3)	55/37** (73.8/49.6)
DCM 3150/3160/3180 H	5250 {6250, 8250} / 3700 / 800 / 1200 (204.7 {246.1, 324.8} / 145.7 / 31.5 / 47.2)	-	2500 x 5000 {6000, 8000} (98.4 x 196.9 {236.2, 315.0})	6000 {4000, 12000}	3150 (124.0)	55/37** (73.8/49.6)

{ } : Option * 30min/Cont. ** S3 25%/Cont.

FSW 2030 / 2030T / 2030D / 2030TD

High-Quality, High-Speed
Friction Stir Welding Solution



Machine	X / Y / Z Travel mm (inch)	B/C Swivel angle (deg)	Table Size mm (inch)	Spindle Speed (r/min)	Max Force (kN)	Spindle torque N·m (ft·lbs)
FSW 2030	3350 / 2000 / 550 (131.9 / 78.7 / 21.7)	-	2000 x 3000 (78.7 x 118.1)	3500	20	286 (211.1)
FSW 2030T	3350 / 2000 / 550 (131.9 / 78.7 / 21.7)	0~5 / ± 720	2000 x 3000 (78.7 x 118.1)	3500	20	181 (133.6)
FSW 2030D	8090 / 2000 / 550 (318.5 / 78.7 / 21.7)	-	2000 x 3000 (78.7 x 118.1) (2ea)	3500	20	286 (211.1)
FSW 2030TD	8090 / 2000 / 550 (318.5 / 78.7 / 21.7)	0~5 / ± 720	2000 x 3000 (78.7 x 118.1) (2ea)	3500	20	181 (133.6)

CNC BORING MACHINE

Horizontal Boring Machine | Duplex Spindle Horizontal Boring Machine

DBC 110 / 130 / 160 / 250

Horizontal Boring Machine



Machine	X / Y / Z / W Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r/min)	Tool Storage (ea)	Motor* kW (Hp)
DBC 110S	2000 / 1500 / 1200 / 500 (78.7 / 59.1 / 47.2 / 19.7)	1400 x 1600 (55.1 x 63.0)	3000	40 {60, 90, 120}	26/22 (34.9/29.5)
DBC 130S	2000 / 1500 / 1200 / 600 (78.7 / 59.1 / 47.2 / 23.6)	1400 x 1600 (55.1 x 63.0)	2500	40 {60, 90, 120}	37/30 (49.6/40.2)
DBC 110 II	2500 / 2000 / 1500 / 550 (98.4 / 78.7 / 59.1 / 21.7)	1400 x 1800 (55.1 x 70.9)	4000	40 {60, 90, 120}	26/22 (34.9/29.5)
DBC 130 II	3000 / 2000 / 1600 / 700 (118.1 / 78.7 / 63.0 / 27.6)	1600 x 1800 (63.0 x 70.9)	2500	40 {60, 90, 120}	26/22 (34.9/29.5)
DBC 130L II	4000 / 2500 / 2000 / 700 (157.5 / 98.4 / 78.7 / 27.6)	1600 x 1800 (63.0 x 70.9)	2500	40 {60, 90, 120}	26/22 (34.9/29.5)
DBC 160	4000 / 2500 / 1600 / 800 (157.5 / 98.4 / 63.0 / 31.5)	2000 x 2200 (78.7 x 86.6)	2000	40 {60, 90, 120}	45/37 (60.4/49.7)
DBC 250	4000 / 2500 / 2000 / 500 (157.5 / 98.4 / 78.7 / 19.7)	1600 x 1800 (63.0 x 70.9)	6000	40 {60, 90, 120}	30/22 (40.2/29.5)

{ } : Option *30min/Cont.

DBD series

Duplex Spindle Horizontal Boring Machine



Machine	X / Y / Z / W Travel mm (inch)	Table Size mm (inch)	Spindle Speed (r / min)	Tool Storage (ea)	Motor* kW (Hp)
DBD 1270	7000 / 1500 / 1000 / - (275.6 / 59.1 / 39.4 / -)	1250 x 7000 (49.2 x 275.6)	3000	{ 40, 60 }	26/22 (34.9/29.5)

{ } : Option * 30min/Cont.

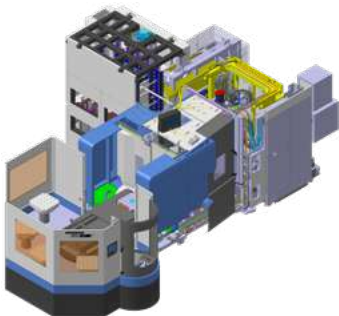
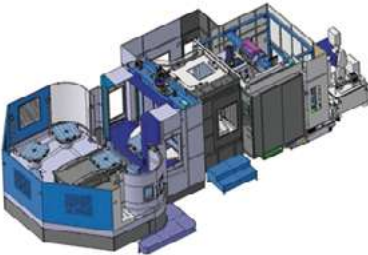
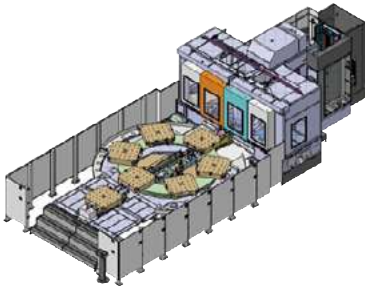
PALLET AUTOMATION SYSTEM

Pallet System (Linear)

Type	Pallet System (Linear) 4000 / 5000	Pallet System (Linear) 5500 / 6300 / 8000
Features	- Optimized Slim design - Optimized AGV of Single Mast & Single Fork Structure - Easy installation - Flexible expansion - Easily expandable with additional Machines, Racks, and Setup Stations	- Ready to expansion for machine, washing station, setup station, pallet - Full Line-up for all HMC - Flexible expansion - Easily expandable with additional Machines, Racks, and Setup Stations
Available Model	NHP 4000 / NHC 4000 NHP 5000 / NHC 5000 DVF 6500 w/APC	NHM 5000 / NHP 5500 / NHP 5500 ^{2nd} NHM 6300 / NHP 6300 / NHP 6300 ^{2nd} NHM 8000 / NHP 8000 / DHF8000
Workpiece Size	NHP 4000 : Ø630 x 900h x 400kg NHC 4000 : Ø600 x 800h x 400kg NHP 5000 : Ø800 x 1000h x 500kg(700kg) NHC 5000 : Ø800 x 900h x 500kg DVF 6500 : Ø630 x 430h x 500kg	NHM 5000/NHP 5500/NHP 5500 ^{2nd} : Ø850 x 1100h x 800kg NHM 6300/NHP 6300/NHP 6300 ^{2nd} : Ø1050 x 1350h x 1200kg DHF 8000 : Ø1400 x 1400h x 2000kg NHM 8000/NHP 8000 : Ø1450 x 1550h x 2000kg
Number of Machine	1~7 (AUX. +1)	1~7 (AUX. +1)
Number of Setup Station	1~4	1~4
Number of pallet	Pallet 400 Class : 12 ~ 72 Pallet 500 Class : 12 ~ 72	Pallet 500 Class : 12 ~ 72 Pallet 630 Class : 10 ~ 72 Pallet 800 Class : 8 ~ 72 Pallet 1000 Class : 6 ~ 30
Control Methods	PLC + Windows-based PC with DPMS Software	
Operational Features	- Use of a standalone industrial PC and monitor - Management of NC programs, fixtures, and pallets - Automatic operation based on the production plan - Reporting and remote monitoring	
Machine	 	

PALLET AUTOMATION SYSTEM

Pallet System (Round)

Type	Pallet System (Round) 4000 / 5000 / 5500	Pallet System (Round) 5500 / 6300 / 8000	Pallet System (Round) 1000 / 1250
Features	- Optimized slim design for space saving & minimal invest cost - Telescopic Mechanism Fork - Simple installation and easy maintenance - Field retrofit available	- Long time unmanned operation - High reliability by servo driven - Simple installation - Field retrofit available	- Long time unmanned operation - High reliability by servo driven - Simple installation - Field retrofit available
Available Model	NHP 4000 / NHC 4000 NHP 5000 / NHC 5000 NHP 5500 ^{2nd} / NHM 5000 / DHF 5500	NHM 5000 / NHP 5500 NHM 6300 / NHP 6300 NHM 8000 / NHP 8000 / DHF 8000	HM 1000 / HM 1250 <i>(only for pallet size 1000 x 1000, 1250 x 1000)</i>
Workpiece Size	NHP 4000 6/14p : Ø630 x 900h x 400kg - 1p : Ø630 x 700h x 400kg NHC 4000 6/14p : Ø600 x 800h x 400kg - 21p : Ø600 x 700h x 400kg NHP 5000 6/14p : Ø800 x 1000h x 500kg(700kg) - 21p : Ø800 x 700h x 500kg(700kg) NHC 5000 6/14p : Ø800 x 900h x 500kg - 21p : Ø800 x 700h x 500kg NHP 5500 ^{2nd} / NHM 5000 / DHF 5500 - 6/12p : Ø850 x 1100h x 800kg - 18p : Ø850 x 750h x 800kg - 24p : Ø850 x 350h x 800kg <i>(1000kg Option only for NHP 5500^{2nd})</i>	Ø850 x 1100h x 800kg Ø1050 x 1350h x 1200kg NHM 8000 / NHP 8000 : Ø1450x1550h x 1700kg DHF 8000 : Ø1400 x 1400h x 1700kg	Ø2000 x 1475h / 1725h x 3000kg <i>(Adjacent pallets empty)</i>
Number of pallet	Pallet System (Round) 4000/5000 : 6/14/21 Pallet System (Round) 5500 : 6/12/18/24	7 & 9	6
Control Methods	PLC + HMI with Embedded Software	CNC-based Control System	
Operational Features	- Deployment of an independent touch operated control panel - Pallet scheduling and status management - Automatic operation based on schedule	- 2-path NC system control - Pallet scheduling and status management - Automatic operation based on schedule	- PMC control - Pallet scheduling and status management - Automatic operation based on schedule
Machine			

PALLET AUTOMATION SYSTEM

APC (Auto Pallet Changer) / AWC (Auto Workpiece Changer)

Type	Multi - level RPS 6500 / 8000	APC	AWC (Single/Multi)	Multi - level HSK 100T Type
Features	- Slim design optimized for a 5-axis machine. - Large maintenance space for optimal machine tool accessibility. - Easy to install. - Field retrofit available	- Automatic pallet changer optimized for 5-axis machine tools. - Large maintenance space easily accessible to the operator. - Easy to install. - Field retrofit available	- Slim design. - Side loading/unloading for optimal access to the front. - Easy to install. - Field retrofit available	- By applying HSK 100T clamp type, space utilization is improved compared to single layer AWC. Multi level automation system optimized for multiple item production.
Available Model	DVF 6500 / DVF 6500T DVF 8000(/50) / DVF 8000T(/50)	DVF 6500 / DVF 6500T DVF 8000(/50) / DVF 8000T(/50)	DVF 4000 / 5000 DNM 4500 / 5700 / 6700 Mynx 6500 BVM 5700	DVF 4000 / 5000
Workpiece Size	DVF 6500: Ø630 x 430h x 600kg DVF 6500T: Ø630 x 430h x 500kg DVF 8000T(/50) : Ø850 x 490h x 700kg DVF 8000(/50) : Ø850 x 490h x 850kg <i>(Weight : Pallet Included)</i>	DVF 6500(T) : Ø630 x 430h x 500kg DVF 8000(/50) : Ø850 x 490h x 850kg DVF 8000T(/50) : Ø850 x 490h x 700kg <i>(Weight : Pallet Included)</i>	Ø550 x 350h x 300kg <i>(DVF 4000 is not applicable)</i> Ø450 x 350h x 300kg Ø400 x 350h x 300kg Ø300 x 350h x 130kg <i>(Weight : Pallet Included)</i>	Ø350 x 315h x 80kg <i>(Weight : Pallet Included)</i>
Number of pallet	DVF 6500 : 7/14/21 DVF 8000 : 6/12/18	2/4	Pallet 500 Class : 4/24 Pallet 400 Class : 6/28 Pallet 350 Class : 8/32 Pallet 250 Class : 12/40	4
Control Method	PLC + HMI with Embedded Software			
Operational Features	- Deployment of an independent touch-operated control panel - Pallet scheduling and status management - Automatic operation based on schedule			
Machine				

CUSTOMER SUPPORT AND SERVICES

We help our customers operate at maximum efficiency by providing them with a range of tried, tested and trusted services - from pre-sales consultancy to post-sales support.



FIELD SERVICES

- On-site service
- Machine installation and testing
- Scheduled preventive maintenance
- Machine repair service



PARTS SUPPLY

- Supplying a wide range of original DN Solutions spare parts
- Parts repair service



TRAINING

- Programming, machine setup and operation
- Electrical and mechanical maintenance
- Applications engineering



TECHNICAL SUPPORT

- Supports machining methods and technology
- Responds to technical queries
- Provides technical consultancy

SERVICE EXCELLENCE



NEW SPINDLE

High-end technology
Premium quality
Extended warranty
High stock availability

REPLACEMENT SPINDLE

Cost efficiency
Premium quality
High stock availability

SPINDLE REPAIR

Maximized cost efficiency
Precision repair by highly skilled technician
Genuine parts only

RESPONDING TO CUSTOMERS **ANYTIME, ANYWHERE**

DN SOLUTIONS GLOBAL NETWORK

DN Solutions provides systems-based professional support services, before and after the machine tool sale, by responding quickly and efficiently to customers. By supplying spare parts, product training, field service and technical support, we provide the expert care, attention and assistance our customers expect from a market leader.

**66**

COUNTRIES

140+

SALES NETWORKS

3

FACTORIES

6

REGIONAL HQS



OVERSEAS SUPPLIED SYSTEM

DN Solutions Machine Tools Products Working In Industries World Wide

Machining systems | Flexible Manufacturing Cells | Flexible Manufacturing System | Flexible Transfer Line

UNITED STATES

Alco Controls
Allied Signal
Allied Signal Engines
Ambel Precision Manufacturing Co.
American Sleeve Bearing
Anchor Hocking
ATM Specialties
B.F. Goodrich Aerospace
Baldor Electric
Baldor Electric Co.
Bath Iron Works
Bendix Benz
Bimba Manufacturing
Bosche
Browning Bosche
Brunswick
Buck Chuck
Camco
Carrier
Caterpillar
Chicago Roll
Clark Equipment
Colts Manufacturing
Combustion Engineering
Cooper Industries

Cooper Power Tools
Cushman
Dana
Dana Spicer
Darmark Corp.
Dayton Progress
Dresser
E.G. & G.
Eaton
Elgin Sweeper
Emerson Electric
Fastenal Inc.
Federal Mogal
Federal Signal
Ford
France Compressor Products
General Dynamics
General Motors
George Fisher Foundries
Gildea
Grimes Engineering
Hexatron Engineering
Hydraw Flow
I. B. M.
In-Sink-EratorInvar Manufacturing
ITT Engineered Valves

Jacobs Vehicle
Jake Brake
Kellogg Crankshaft
Kelsey-Hayes
Kuhn Industries
Kurk Manufacturing
TCN Vehicles Division S.r.l.
TEKNO S.r.l.
VIAR Meccanica S.r.l.
Lift-Tech International , Inc.
Marathon Electric Company
Mason & Hanger
Mennies
Milwaukee Electric
Modern Tooling
Outboard Marine Corp.
Parker-Hannifin
PGI International
Sikorsky
Spicer Heavy Axle
Stace Allen Chucks
TDM Corp.
Technical Machine Service
Triad Machine
Trompler Co.
TRW
Twin Disk

Union Special Corp.
United Technologies
US Axle, Inc.
Valentek Olivette
Van Corp.
Velan Engineering
W.D. Lee & Co.
WABCO Locomotive Products
Watts Industries
Westinghouse Electric
White Rodgers
Zurn Industries

GERMANY

Benz Sohne
Deutsche Metallwerke
Duspohl
Erco Leuchten
Fischer Mess-und Regeltechnik
Flender AG
Gestra AG
Heraeus
Intra
R & H Alurad Group
Regeltechnik Kornwestheim
Ronald Group

ITALY

A.D.R. S.r.l.
Atomat S.p.A.
Baruffaldi S.p.A.
Brembo S.p.A. Divisione Dischi
Contarini Leopoldo S.r.l.
Dott. Ing. Mario Cozzani S.r.l.
Franzoni Ruggero
Fucine Rostagno S.p.A.
Manfredini Doviglio & C. S.n.c.
Meccanica Melegari S.r.l.
Mekanotech S.n.c. di Perissinotto
O/Cava Meccanica S.p.A.
O.M.L. di Antonioli T. & C.S.a.s.
O.M.G. S.p.A. di Messieri & C.
Roero Meccanica S.r.l.
SFARMEC S.r.l.
TCN Vehicles Division S.r.l.
TEKNO S.r.l.
VIAR Meccanica S.r.l.

U. K

Anson
Automatic Components
Bombardier
British Aerospace
Depuy
Firth Rixon
FMC Technologies
GKN
Hewland Engineering
Howdens
Kawasaki Heavy Industries
Nikken
Pear Engineering
Renishaw
Rolls Royce Aerospace
Rolls Royce
RT Quaiife
Sandvik Medical
Slomaw Engineering
Smith and Nephew
Thales Defence
Trelleborg

INDIA

Ace Designers Ltd
Amtek Auto Limited
Apex Auto Limited
BRAKES India Ltd
CRI Pumps Pvt. Ltd
Cummins India Ltd
GNA Enterprises Limited
International Auto Limited
KIRLOSKAR Brothers Ltd
KIRLOSKAR Ebara Pumps Ltd
KIRLOSKAR Oil Engines Ltd
KIRLOSKAR Pneumatic Co. Ltd
Ramkrishna Forgings Limited
Rico Auto Industries Ltd
TATA motors
Wheels India Ltd

MALAYSIA

Hicom Engineering
OMS Oilfield Services
Sapura Machining
SMEA
Takako Vietnam
TRW

SINGAPORE

ASM Front-End Manufacturing

INDONESIA

PT. Inti Ganda Perdana Group

JAPAN

Komatsu
Nissan
SNK

THAILAND

Delphi
Honda Automobile
TRW

BRAZIL

Volkswagen

HUNGARY

Rabbe

SWEDEN

Volvo

IRAN

Mega motors
Saipa Malleable

MEXICO

Delphi

CHINA

FAW Group
Flender
JAC Group
KF Valve
KNORR
SAIC
Sany Group
Shaanxi Fast Group
WEICHAI Power
XCMG Group

PAKISTAN

KSB Pumps
Rastgar Engineering

UAE

Ados Engineering Industries
FTV Proclad
Hoerbiger Service ME
Weatherford

SAUDI ARABIA

Saudi Mechanical Industries

OMAN

Cameron Services
Middle East
United Engineering Services

WHY DN SOLUTIONS

The DN Solutions promise, MACHINE GREATNESS, has two important meanings. The first is simple: DN Solutions makes great machines. The second is a challenge to our end-users. With a product line that is this comprehensive, accurate and reliable, we equip our customers to machine greatness. The big question: ***Why should you choose DN Solutions over other options?*** Here's why...

UNBEATABLE MACHINES

You won't find a more comprehensive range or a better combination of value, performance and reliability anywhere else.

ROBUST PRODUCT LINE

We offer an impressive range of machine models and hundreds of configurations. Whatever your machining needs and requirements, there's a DN Solutions for you.

READILY AVAILABLE - ANYWHERE IN THE WORLD

Machining centres (including 5-axis machines), lathes, multi-tasking turning centres and mill-turn machines, and horizontal borers with best-in-class specifications are all available...ready to install.

EXPERT SERVICE

Our dedicated, experienced and knowledgeable team is totally committed to improving your productivity, growth and success.

ESG | SUSTAINABILITY MANAGEMENT

Since its founding in 1976, DN Solutions has been committed to building a **sustainable future** in the machine tool industry.

Placing ESG principles at the core of our business, we strive to protect the environment, uphold social responsibility, and ensure transparent governance, aiming to lead as a global industry pioneer. This vision goes beyond industrial contribution, driving positive change for society and the planet.

ENVIRONMENTAL RESPONSIBILITY

- Energy Efficiency Improvement
- Development of Eco-friendly Products and Technologies

SOCIAL RESPONSIBILITY

- Win-win partnership
- Corporate Social Responsibility

GOVERNANCE

- Ethical Management

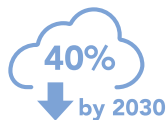
DN Solutions is dedicated to achieving carbon neutrality by 2050

As a milestone toward this goal, we aim to reduce carbon emissions by 40% by 2030 and will transparently disclose our carbon footprint.



We Pledge Net Zero Carbon by 2050.

We declare our commitment to achieving net-zero carbon emissions by 2050, grounded in a deep awareness of the pivotal role that companies must play. While our ultimate goal is set for 2050, we will establish both short-term and long-term targets to ensure continuous emissions reduction and demonstrate measurable progress at every stage.



We Target 40% Carbon Emission Cuts by 2030, Aiming for Net Zero by 2050.

We are determined to set a critical milestone on our journey to net-zero by reducing carbon emissions by 40% by 2030. Our 2030 target is not merely a numerical indicator, but a strong declaration of our intent to achieve meaningful change within the next decade. We will strive to ensure consistent and measurable progress toward this goal.



We Commit to Transparent Carbon Footprint Disclosure for Emissions.

As part of our commitment to achieving net-zero by 2050 and a 40% reduction by 2030, we solemnly pledge to transparently disclose our carbon emissions throughout this journey. Emphasizing transparency in carbon disclosure serves as a compass, guiding us toward our goals and ensuring that every decision and action we take aligns with our commitment.



dn-solutions.com

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