



Your specialist in
CNC machining technology



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KMS Metaal has been professionally active in the field of CNC metalworking on both the Dutch and foreign markets since 1996.

Partly due to its customer-oriented approach, committed attitude and high delivery reliability, KMS Metaal has grown into a recognised company in the production of parts for hydraulic systems, machine construction, off-shore, heavy lifting and agriculture.

KMS Metaal specialises in the production of single pieces to medium-sized series of turning and milling products and produces various customer-oriented product series on an annual basis, with purchases called down on a monthly basis. In practice, KMS Metaal has proved itself extremely flexible and reliable in responding to customers' changing capacity needs.

All products are manufactured and checked in accordance with a TÜV Rheinland ISO9001 certified business process. For product measurements and calibration, KMS Metaal has fitted out a conditioned measuring room with modern measuring equipment.

In order to meet the high demands of our customers, KMS Metaal has an extensive range of machinery. This, together with our experience and craftsmanship, guarantees high-quality products.

CNC Multitasking turning and milling centre

Takisawa	TMM-250 module 3	CNC turning and milling centre work diameter=350 (500) equipped with Kawasaki robot installation, max. capacity 165kg
Mori-Seiki	NT4300DCG 1000SZ	CNC turning and milling centre equipped with Nachi robot installation, max. capacity 166kg
Mori-Seiki	NT3200DCG 1000SZ	CNC turning and milling centre equipped with gantry loader max. capacity 15kg
Doosan/ Daewoo	Puma MX 2100 ST-GL	CNC turning and milling centre equipped with gantry loader, max. capacity 20kg
Doosan/ Daewoo	Puma MX 2500 ST	CNC turning and milling centre x = 556 y = 200 z = 1500
Doosan/ Daewoo	Puma TT 2500 SY	CNC turning and milling centre equipped with bar feeder and gantry loader, max. capacity 20kg
Doosan/ Daewoo	Puma MX 2600 ST	CNC turning and milling centre x = 630 y = 230 z = 1585
Doosan/ Daewoo	Puma TT 1800 SY	Lathe with driven tools and bar feeder z = 700 turning diameter short work = 300 turning diameter long work = 300 equipped with Nachi robot installation, max. capacity 166 kg

CNC Turning

Doosan/ Daewoo	PUMA 400 LMB	Lathe with driven tools z = 2100 turning diameter short work = 750 turning diameter long work = 600
Doosan/ Daewoo	PUMA 700 LMB	Lathe with driven tools z = 3235 turning diameter short work = 1030 turning diameter long work = 800
Doosan/ Daewoo	PUMA 700 M	Lathe with driven tools z = 1700 turning diameter short work = 1030 turning diameter long work = 800
Hwacheon	HI-TECH 700	CNC lathe z = 2000 turning diameter = 700
Hwacheon	HI-TECH 200B	CNC lathe z = 400 turning diameter = 350
Leadwell	LTC 30 BP	Lathe turning diameter short work = 590 turning diameter long work = 550 z = 1100
HNK	VTC 16-20	Carousel lathe with driven tools turning diameter = 2000 z = 1700
Yu Shine	VL1600	Carousel lathe with driven tools turning diameter=1800 z = 1300 tool magazine 24x
Geminis	GT5 G2	CNC centre lathe turning diameter 1200 z = 6000

Conventional

Deckel FP3	FP3	Universal milling machine x = 500 y = 300 z = 300
Cazeneuve		Lathe z = 1250 turning diameter = 500
A.I.		Lathe ergonomic opening 35mm
Drilling machines		Wide range of column drilling machines up to cone 40 with and without vernier.

CNC milling

Hedelius	BC80	CNC machining centre x = 3500 y = 800 z = 750
Leadwell	VMC40	CNC machining centre x = 1020 y = 510 z = 510/4°axis = 250
Supermax	FV-102	CNC machining centre x = 1020 y = 510 z = 510
Enshu	630 FU	CNC horizontal/vertical machining centre with pallet changer 630x630mm x = 900 y = 800 z = 800
Matsuura	H900	CNC horizontal machining centre with pallet changer 630x630mm x = 900 y = 800 z = 750
Kitamura	HX630i	CNC horizontal machining centre with pallet changer 630x630mm x = 900 y = 800 z = 800 Equipped with Fastems LSC charging station FPC 1500
Correa	Norma L45	Bed-type milling machine x = 4500 y = 1200 z = 1800 controllable milling head
Doosan	DBC130L	Boring and milling machine x = 4000 y = 2300 z = 2000 w = 700 b = fully steered axle table size = 2000 x 1800 tool magazine 40x
Okuma	MX 45 VAE	CNC vertical X = 762 y = 460 z = 450

Measurement

Römer		Coordinate Measuring Machine
Mitutoyo	BH706	3D measuring machine x = 700 y = 700 z = 700
Wenzel	LH1210	3D measuring machine x = 1200 y = 2000 z = 1000
Measuring tools		Periodically calibrated according to a calibration schedule.

Sawing

Behringer	HBP 260A	Up to ø 260mm
Kasto	HBA 520 AU	Up to ø 500mm · number = 2x

Robot

Kawasaki	ZX165U	max. capacity 165 kg connected to Takisawa TMM-250 CNC turning and milling centre
Nachi		max. capacity 166 kg connected to Puma TT 1800 SY
Nachi		max. capacity 166 kg connected to Mori Seiki CNC turning and milling centre
Fanuc	R-2000iB 165F R30iA	max. capacity 165 kg

Miscellaneous

Grinding machine		x = 600 y = 50 z = 150
Furnace		Capaciteit van 350 x 350 x 900 mm
Welding devices	Kempi	MIG/Mag up to 500 amps, water cooled and Tig welding machines.

CAD CAM

3D Cad Cam programming station.

Machine list

