



Dekens Groep B.V.

Your One Stop Solution



Dekens Groep B.V.

Dekens Metaalgieterijen B.V.

Everything is possible at Dekens Metaalgieterijen. Along with Machinefabriek Dekens, the foundry is a division of the Dekens Groep. This enables Dekens Metaalgieterijen to deliver a total package in casting and metal working. The foundry is available to companies, government institutions and private parties for casting and processing products of different materials of various qualities. Dekens Metaalgieterijen is both ISO 9001 and 14001 certified.

Built on flexibility

Dekens Metaalgieterijen not only casts and finishes all materials, but it can also respond quickly to customer demand. The family business has eight induction furnaces at its disposal. The foundry employs its own engineers so it can quickly produce patterns and castings. Moreover, Dekens Metaalgieterijen has a horizontal organisational structure, so customers are guaranteed fast service by the right person.





Versatile family business

Dekens Metaalgieterijen was founded in 1926 as Gieterij Borcherts. Since then, the family business has grown from a cast iron specialist to an all-round total supplier. Due to various expansions and takeovers, Dekens Metaalgieterijen can now cast and process nearly all metals and alloys.

Dekens Metaalgieterijen can handle the entire process, from design drawing to manufacturing and finishing of parts. It is a family business located in Sappemeer, using a combination of traditional methods and state of the art technology.

The company is now being run by the second and third generations of the Dekens family.



Focus on people and the environment

Dekens Metaalgieterijen practices its trade with a focus on people and the environment. For example, the moulding sand released after casting is removed by machine and recycled. This enables the foundry to re-use the sand, thus generating nearly no waste. This is a perfect fit with the Dekens Groep CSR policy.



What are the possibilities?

The overview below provides a brief summary of some of the material qualities cast by Dekens Metaalgieterijen. Nearly all qualities and alloys of these are possible. Dekens Metaalgieterijen is certified by Lloyd's, ABS and

DNV-GL among others, and can deliver all material qualities with the most diverse certificates. Dekens Metaalgieterijen features eight high-tech induction furnaces and can manufacture castings up to 12,000 kg each.

Grey cast iron

including
EN-GJL-150
EN-GJL-200
EN-GJL-250
EN-GJL-300
EN-GJL-350

Nodular cast iron

including
EN-GJS-400-18
EN-GJS-400-15
EN-GJS-450-10
EN-GJS-500-7
EN-GJS-600-3
EN-GJS-700-2

Ni-Hard 1
Ni-Hard 2
Ni-Hard 4

Ni-Resist

including
GGG-NiCr 20 2
GGG-NiCr 20 3
GGG-NiSiCr 20 4 2
GGG-Ni 22
GGG-NiMn 23 4

Cast steel

including
LCC
WCB
GS-38.3
GS-52.3
GS-60.3

Wear-resistant cast steels

including
GX-120-Mn-12

Corrosion-resistant high-grade steel qualities

including
G-X 22 Cr 14
G-X CrNiMo 18 10
G-X 6 CrNiMo 18 10
G-X 10 CrNiMo 18 9
G-X 2 CrNiMoN 22 5
G-X 3 CrNiMoN 17 13 5
G-X 2 CrNiMoN 26 7 4

Cast steel for high and low temperature applications

including
GS-C25
GS-22Mo4

Heat-resistant high-grade steel qualities

including
G-X 25 CrNiSi 20 14
G-X 40 CrNiSi 25 20
G-X 40 NiCrSi 35 25

Special high-grade steel qualities

including
Monel
Inconel
Hastelloy

Leaded bronze

including
GB-CuPb5Sn
GB-CuPb10Sn

Aluminium bronze

including
GB-CuAl10Fe
GB-CuAl10Ni





Laboratory

Dekens Metaalgieterijen has its own laboratory. The skilled laboratory employees guarantee a constant high quality of final products by closely monitoring the melting process. The laboratory is also available to customers for various quality inspections.


Methode: Fe-30-M
 Kommentar: Cr-Cu-Ni-Stahl
 Mittelwert (n=2)

124755/06

Elemente Konzentrationen

Qualität: 1.4408

	C	Si	Mn	P	S	Cr	Ni	Mo
%	%	%	%	%	%	%	%	%
x	0.0000	0.0000	0.0000	0.0000	0.0000	18.00	9.00	2.00
x	0.066	0.62	1.20	0.013	0.010	18.23	9.42	2.02
x	0.070	1.50	1.50	0.040	0.030	20.00	12.00	2.50
	Al	Cu	Co	Ti	Nb	V	W	Pb
%	%	%	%	%	%	%	%	%
x	0.0052	0.347	0.177	0.026	-0.0040	0.080	0.061	<0.0020
	B	Sb	Se	As	Bi	Ta	Ca	Sn
%	%	%	%	%	%	%	%	%
x	0.0030	0.0035	0.011	0.022	-0.0010	0.013	0.0004	0.039
	N	Fe						
%	%	%						
x	0.032	67.6						



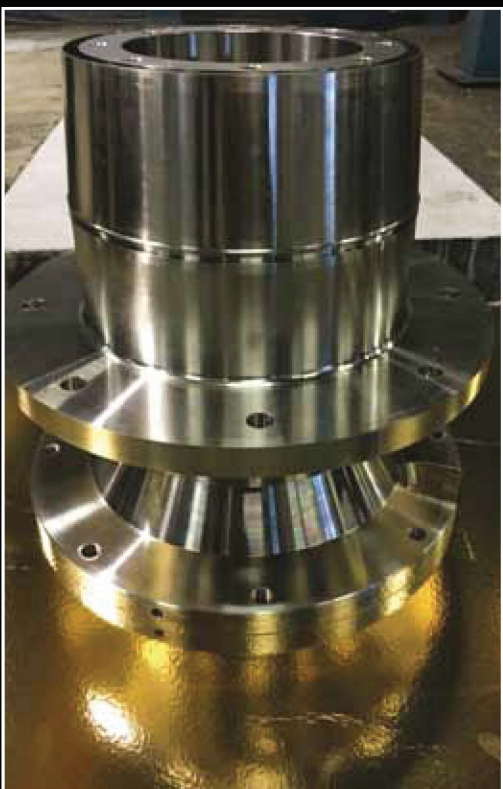


Machinefabriek Dekens B.V.

As a division of Dekens Groep, Machinefabriek Dekens can supply its customers with a complete product in the field of machining. The company has the machinery and knowledge to implement all metal removing processes to perfection. Organisations and private parties can bring in Machinefabriek Dekens for the design and production consultation, as well as the casting and machine finishing of metal products. The machinshop is located in Sappemeer and is distinguished by its craftsmanship. Machinefabriek Dekens is ISO 9001 certified.

All in one hand

Machinefabriek Dekens supplies its customers with a total package of machining and casting. To do so the company works in close co-operation with its affiliate, Dekens Metaalgieterijen. Thus customers benefit from one single contact person, quick delivery and cost advantage. After all, the Machinefabriek Dekens and Dekens Metaalgieterijen operating processes are closely related. Moreover, both companies are located in Sappemeer. Of course, Machinefabriek Dekens also processes third-party cast products and is the address for all metal removing processes.



What are the possibilities?

Machinefabriek Dekens can implement all metal removing processes: milling, boring, turning, drilling, electric discharge machining and balancing. To this end, the

company owns an extensive assortment of machinery and employs skilled personnel up to date with all techniques and possibilities.

CNC turning

Style

- diameter
510 mm x 1000 mm
- diameter
750 mm x 3000 mm
- diameter
1100 mm x 3000 mm

Fat TUR 100

- diameter
1100 mm x 2000 mm

Doosan Puma 5100 LMB

- diameter
900 mm x 2000 mm

Daewoo Puma 300 LMC

- diameter
590mm x 1215 mm

Est Ticino 520

- diameter
2400mm x 2350mm

CNC Turning Vertical

Doosan Puma V8300 MR

- diameter
900 mm x 1500 mm

Doosan Puma V8300 ML

- diameter
900 mm x 1500 mm

Conventional turning

- diameter
630 mm x 4000 mm
- diameter
400 mm x 1000 mm
- diameter
1050 mm x 3000 mm

CNC milling

Kihveng U1200N

XYZ: 2600 x 1250 x 1650 mm,
bed 3100 x 1300 mm

Soraluce FLP 8000

XYZ: 8000x 1300x 2700 mm,
bed 9000 x 2000 mm

Correa Diana 25

XYZ: 2500 x 1000 x 1000 mm,
bed 2800 x 900 mm

2x Doosan DNM650 II

XYZ: 1270 x 670 x 625 mm,
bed 1300 x 670 mm

Excel 810

XYZ: 810 x 510 x 560
bed 900 x 480 mm

CNC Frezen (5-assig simultaan)

Doosan VCF 850 LSR

XYZ: 3000 x 850 x 850 mm

Electric Discharge machining

Mitsubishi FA 20S

Max. werkstukgrootte:
1050 x 800 x 295 mm
Max. werkstukgewicht: 1500 kg
Tafel afmeting:
780 x 630 mm
X – Y as:
500 x 350 mm
Max hoogte Z: 300 mm

Dynamic Balancing

Max. Diameter: 1260 mm Max.
Lengte: 1330 mm
Max. Gewicht: 700 kg.

Slotting

Ø 500 x 130 mm
Ø 1200 x 300 mm

Drilling

4 kolomboormachines
uitlading 1500/2000 MK 5





Art foundry

The Dekens Metaalgieterijen art foundry can support artists and customers through every stage of the process, from inception right through to the completion of the work. Artists often have a clear concept of what they want and the art foundry ensures the final piece will look exactly like their original idea. The art foundry ensures that their creative concept will look exactly like the one they had in mind. The art foundry provides a variety of options for this. For example, Dekens Metaalgieterijen can cast sculptures in iron, precious metals, bronze and aluminium.

The possibilities, including finish, are almost unlimited. It all depends on what the customer has in mind. In addition to casting and processing, the Dekens Metaalgieterijen art foundry can also assist, practically and virtually, with converting the design into a sculpture. Which material has the desired properties, what finish produces the desired gloss or colour and best fits the concept? The art foundry can also manufacture clay, wax or rubber patterns based on a drawing, or handle the restoration of art works. In short, everything is possible.







Dekens Groep B.V.

Dekens Metaalgieterijen B.V.

Noorderstraat 370
9611 AV Sappemeer
Postbus 8
9610 AA Sappemeer
The Netherlands

Telephone: +31 (0) 598 - 39 29 97
E-mail: info@dekensgroep.nl

Website: www.dekensmetaalgieterijen.nl



Machinefabriek Dekens B.V.

De Vosholen 101
9611 TE Sappemeer
Postbus 8
9610 AA Sappemeer
The Netherlands

Telephone: +31 (0) 598 - 38 21 02
E-mail: info@dekensgroep.nl

Website: www.machinefabriekdekens.nl



www.dekensgroep.nl

