

Q-FIN

Quality Finishing Machines

DEBURRING \ EDGE ROUNDING \ FINISHING



**THE FASTEST
SOLUTION**

Q

QUALITY FINISHING MACHINES

At Q-Fin, we help organizations that want to leave an impression. Companies that are ready to get started with their 4.0 version. Companies that believe that simple production processes are not an obstacle, but an opportunity to stand out from the crowd. Exactly as we also want to stand out.

With our machines, we help entrepreneurs exceed expectations among their customers and colleagues with greater pleasure. We make sure that users can work happier and better on their work floor filled with charisma. That is our philosophy.

Our goal is to let entrepreneurs do what they do best: make the difference.

MACHINES

FINISHING MACHINES



SER1200



F1500



F1200 XL



F1200



F800



SER600



F200 XL

SEMI-AUTOMATICS



TOPGRINDER



PROGRINDER



TOPEDGE

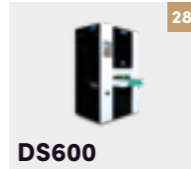


SKIPJOINT

SLAG REMOVERS



DS1200



DS600

DUST EXTRACTORS



WES6000



WES3000

HANDLING



Q2S | Turnaround station



CB | Return conveyors



IOC | Input/output conveyors



QUALITY
IS NOT THE SAME
WITHOUT THE

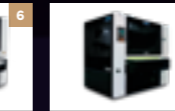




FINISHING MACHINES



SER1200



F1500



F1200 XL



F1200



F800



SER600

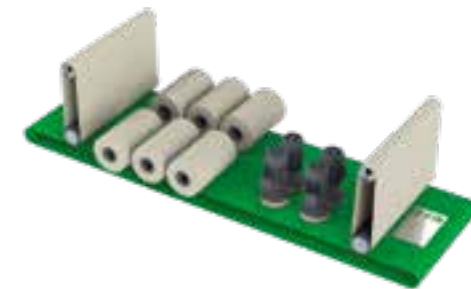


F200 XL

SER1200 MULTIBRUSH

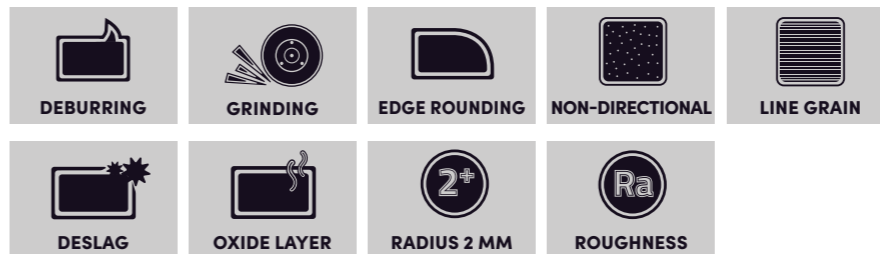
ULTIMATE ALL-IN-ONE MACHINE

For deburring, edge rounding with R2+, non-directional and line finishing of sheet metal parts up to 1200 mm wide.



- Fastest and most complete deburring and finishing machine
- Suitable for non-directional finish, line finish and Radius 2
- Reproducible finish quality with error elimination
- Combination of operations programmable

Suitable for:



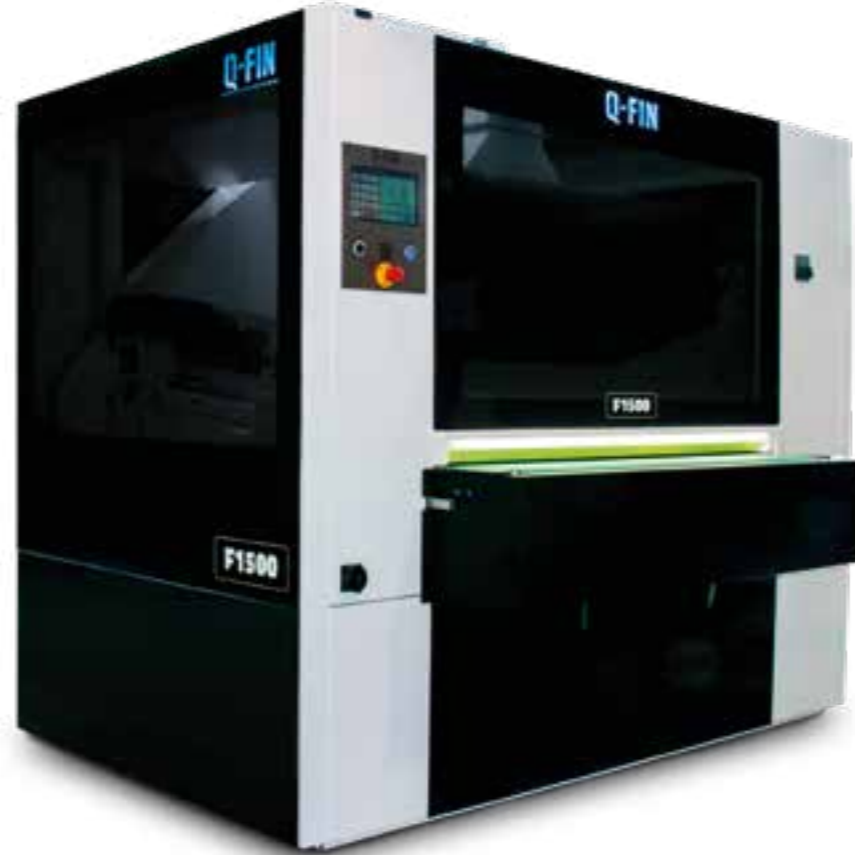
TECHNICAL SPECIFICATIONS

Conveyor belt speed adjustable	0.3 - 8 m ³ /min
Product fixation	Vacuum or magnet support
7.5 kW grinding unit with frequency control	2
2.2 kW disc brush motor with frequency control	4
7.5 kW Multibrush motor with frequency control	1
Minimum workpiece dimensions	80 x 80 mm
Maximum workpiece width	1200 mm
Maximum workpiece height	150 mm
Machine power supply	400 V, 50 Hz, 63 A, 32 kW
Dimensions (L x W x H)	4105 x 2205 x 2320 mm
Weight	6,000 kg

F1500

WIDE BELT FINISHING MACHINE

For finishing sheet metal parts up to 1500 mm wide. Allows you to determine the finish and produce at high speed.



- The fastest and most compact wide belt machine
- Vacuum or magnet support for non-ferrous or ferrous metals
- Optional automatic height setting on both grinding and brush units
- Easy-to-use HMI screen with adjustable programs

Suitable for:



TECHNICAL SPECIFICATIONS

Conveyor belt speed	0,3 - 8 m ³ /min
7.5 kW grinding unit with frequency control	1
2.2 kW disc brush motor with frequency control	4
Minimum workpiece dimensions	80 x 80 mm
Maximum workpiece width	1500 mm
Maximum workpiece height	150 mm
Machine power supply	400 V, 50 Hz, 32 A, 16 kW
Dimensions (L x W x H)	2150 x 2505 x 2320 mm
Weight	3,760 kg

F1200 XL

FULL OPTIONS FINISHING MACHINE

Deburring, edge rounding, and finish grinding of sheet metal parts up to 1200 mm wide. All-in-one compact, lightning-fast machine.



- 4-station machine with 2 grinding belts for deburring and finish grinding
- Powerful vacuum or magnet system for non-ferrous or ferrous metals
- Automatic height setting on both grinding and brushes units
- Easy-to-use HMI screen with adjustable programs

Suitable for:



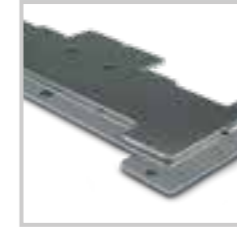
TECHNICAL SPECIFICATIONS

Conveyor belt speed	0.3 - 8 m ³ /min
7.5 kW grinding unit with frequency control	2
2.2 kW disc brush motor with frequency control	4
Minimum workpiece dimensions	80 x 80 mm
Maximum workpiece width	1200 mm
Maximum workpiece height	150 mm
Machine power supply	400 V, 50 Hz, 32 A, 25 kW
Dimensions (L x W x H)	2150 x 2205 x 2320 mm
Weight	4,030 kg

F1200

EXCELLENT FINISHING MACHINE

The deburring machine for finishing sheet metal parts up to 1200 mm wide. 5 times faster and with a finishing of choice.



- Combination of operations possible in one pass
- Vacuum or magnet support for non-ferrous or ferrous metals
- Optional automatic height setting on both grinding and brush units
- Easy-to-use HMI screen with adjustable programs

Suitable for:



TECHNICAL SPECIFICATIONS

Conveyor belt speed	0.3 - 8 m ³ /min
7.5 kW grinding unit with frequency control	1
2.2 kW disc brush motor with frequency control	4
Minimum workpiece dimensions	80 x 80 mm
Maximum workpiece width	1200 mm
Maximum workpiece height	150 mm
Machine power supply	400 V, 50 Hz, 32 A, 16 kW
Dimensions (L x W x H)	2150 x 2205 x 2320 mm
Weight	3,490 kg

F800

ALL-ROUND FINISHING MACHINE

Extremely fast deburring, grinding and/or edge rounding with this finishing machine suitable for sheet metal parts up to 800 mm wide.



- Combination of finishing operations possible in one pass
- Vacuum or magnet support for non-ferrous or ferrous metals
- Optional automatic height setting on both grinding and brush belts
- Easy-to-use HMI screen with adjustable programs

Suitable for:



TECHNICAL SPECIFICATIONS

Conveyor belt speed	0.3 - 8 m'/min
7.5 kW grinding unit with frequency control	1
2.2 kW disc brush motor with frequency control	4
Minimum workpiece dimensions	80 x 80 mm
Maximum workpiece width	800 mm
Maximum workpiece height	150 mm
Machine power supply	400 V, 50 Hz, 32 A, 16 kW
Dimensions (L x W x H)	2150 x 1805 x 2320 mm
Weight	2,960 kg

SER600

SUPER EDGE ROUNDER

Suitable for applying a 2 mm Radius on sheet metal parts up to 600 mm wide.



- 5-station machine with magnet support for ferrous metals
- Better edge rounding on both inner and outer contours
- Optional automatic height setting on both grinding and brush belts
- Easy-to-use HMI screen with adjustable programs

Suitable for:



TECHNICAL SPECIFICATIONS	
Conveyor belt speed	0.3 - 8 m ³ /min
7.5 kW grinding unit with frequency control	1
2.2 kW disc brush motor with frequency control	4
7.5 kW round brush motor with frequency control	2
Minimum workpiece dimensions	80 x 80 mm
Maximum workpiece width	600 mm
Minimum workpiece height	40 mm
Machine power supply	400 V, 50 Hz, 32 A, 16 kW
Dimensions (L x W x H)	3640 x 1585 x 2085 mm
Weight	3,560 kg

F200 XL

SMALL PARTS SPECIALIST

The small powerhouse for deburring and edge rounding sheet metal parts from 10 to 200 mm wide.



- Suitable for (very) small sheet metal parts
- Vacuum or magnet support for non-ferrous or ferrous metals
- Up to 5x faster than comparable machines
- Easy-to-use HMI screen with adjustable programs

Suitable for:



TECHNICAL SPECIFICATIONS

Conveyor belt speed	0.3 - 8 m ³ /min
2.2 kW grinding unit with frequency control	1
2.2 kW disc brush motor with frequency control	2
Minimum workpiece dimensions	10 x 10 mm (MAG) / 20 x 20 mm (VAC)
Maximum workpiece width	200 mm
Maximum workpiece height	100 mm
Machine power supply	400 V, 50 Hz, 16 A, 8 kW
Dimensions (L x W x H)	1850 x 670 x 2115 mm
Weight	1,050 kg



SEMI-AUTOMATICS



TOPGRINDER



PROGRINDER



TOPEDGE



SKIPJOINT

TOPGRINDER

MANUAL FINISHING MACHINE

The best manually operated machine for deburring, edge rounding, grinding and polishing metal parts.

- Self-determination of grinding pressure of the swivel head
- Standard vacuum support and optional 2 or 4 magnets
- Quickly change between brush and/or grinding tools because of 2 heads
- Safe 2-button operation with CE marking

Suitable for:



PROGRINDER

BASIC FINISHING MACHINE

The budget-friendly mobile table grinder that can be used for deburring, edge rounding and finishing metal sheet components.

- Cost-effective semi-automatic deburring
- Manual determination of grinding pressure
- Quickly change between brush and/or grinding tools because of 2 heads
- Safe 2-button operation with CE marking

Suitable for:



TOPEDGE

TABLE MILLING MACHINE

Quickly mill a perfect radius or bevel a welding preparation.

- Simple and fast semi-automatic milling
- Magnetic system for product fixation included
- Comfortable to use for optimal ergonomics
- Safe 2-button operation with CE marking



Suitable for:



RADIUS 2 MM



EDGE BEVELLING

SKIPJOINT

MICROJOINT REMOVAL

The safe, fast and simple solution for removing micro joints.

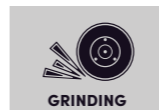
- Fast processing times
- No unwanted rounding due to angled grinding wheel
- Constant quality
- Simple and safe to use



Suitable for:



MICROJOINTS



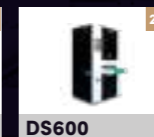
GRINDING



SLAG REMOVERS



DS1200

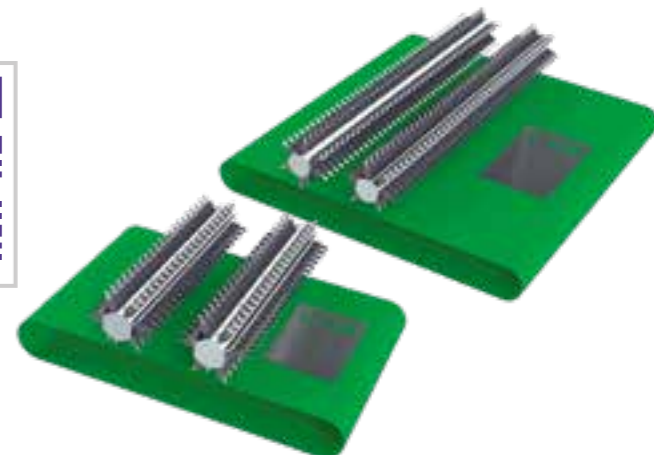


DS600

DS600-DS1200

DESLAGGING MACHINES

The most effective machines to remove your slag safe and quickly.



- Easy to integrate in production line
- Powerful magnetic product fixation
- Two deslagging rollers
- Prevents pollution and damage in deburring machine
- No flying debris

Suitable for:



TECHNICAL SPECIFICATIONS

Conveyor belt speed	0,3 - 5 m ³ /min
Motor	0.75 kW with frequency control
Minimum workpiece dimensions	65 x 65 x 5 mm (MAG)
Maximum workpiece width	DS600: 600 mm DS1200: 1200 mm
Maximum belt load	100 kg
Machine power supply	400 V, 16 A, 8 kW
Dimensions (L x W x H)	DS600: 1610 x 1760 x 2085 mm DS1200: 2016 x 1750 x 2079 mm
Weight	DS600: 800 kg DS1200: 1,250 kg



DUST EXTRACTORS



WES6000



WES3000

WES

WET EXTRACTION SYSTEM

Fire hazard is excluded with our wet operating extractor system. Extracts grinding dust without loss of pressure.



- Wear-resistant construction made of stainless steel
- Low-maintenance filter system
- Prevents fire and explosion hazard
- Most durable way to extract grinding dust

Suitable for:



TECHNICAL SPECIFICATIONS

	WES3000	WES6000
Fan	3.0 kW	7.5 kW
Capacity	3000 m ³ /h	6000 m ³ /h
Dust collectors	5	5
Machine power supply	400 V, 50 Hz, 8 A, 4 kW	400 V, 50 Hz, 25 A, 12 kW
Dimensions (L x W x H)	1450 x 900 x 2050 mm	1650 x 1090 x 2300 mm
Weight	335 kg	495 kg



HANDLING



Q2S
Turnaround station



CB
Return conveyors

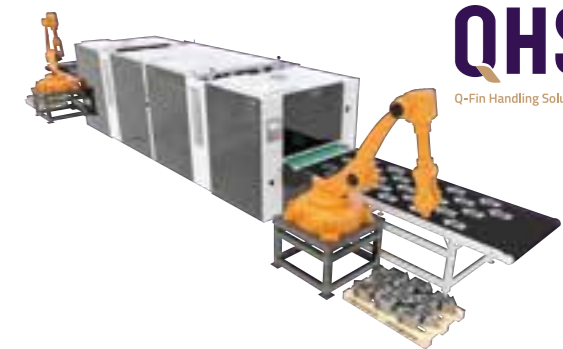
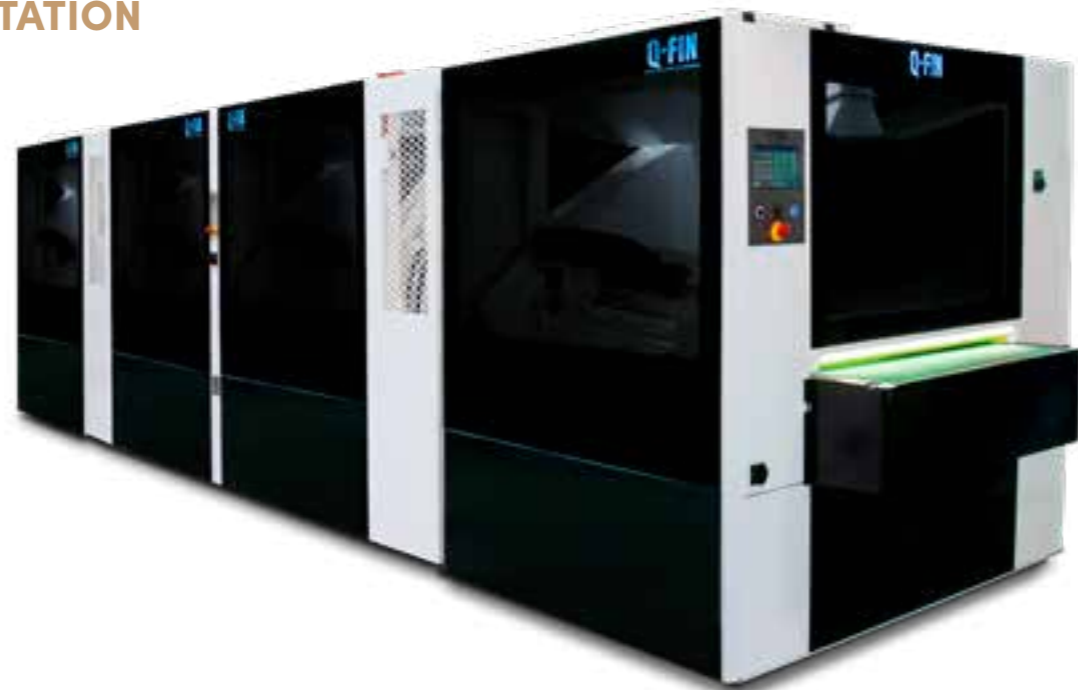


IOC
Input/output conveyors

Q2S

TURNAROUND STATION

Reversing station for 2-sided processing of sheet metal parts up to 800 | 1200 | 1500 mm wide.



QHS
Q-Fin Handling Solutions

- Incorporation into deburring line ensures double-sided processing with very high output
- Full line operation by one operator with HMI touch screen
- Operator can work safely and ergonomically
- Comes standard with input and output conveyor for batch production

Suitable for:



REVERSING

TECHNICAL SPECIFICATIONS

Conveyor belt speed	0.3 - 5 m ³ /min
Available as	Q2S800 - Q2S1200 - Q2S1500
Maximum conveyor belt load	550 kg
Maximum workpiece height	1.5 mm
Maximum workpiece height	50 mm
Maximum workpiece dimensions	280 x 280 mm
Machine power supply	400 V (3L+N+PE), 50 Hz, 16 A, 7.5 kW
Dimensions (L x W x H)	4094 x 2180 x 2048 mm
Weight	2.800 kg

CB400-CB800

RETURN CONVEYORS



Easily return processed products to the front of the machine.

- Available as CB400 and CB800
- Doubling efficiency by eliminating one operator
- Solid, mobile construction
- Ininitely adjustable speed

Suitable for:

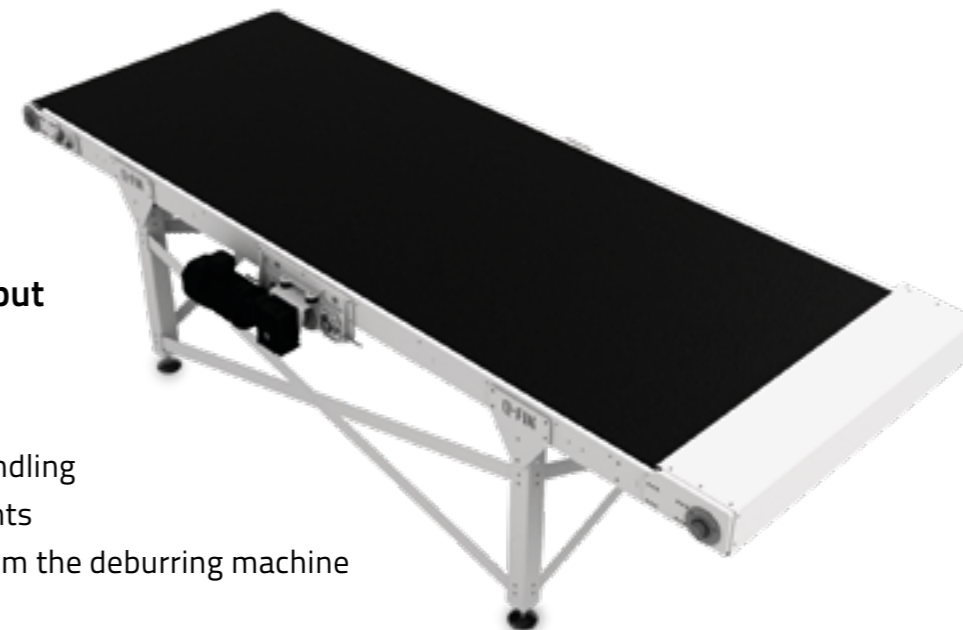


TRANSPORTATION



IOC/IC

INPUT/OUTPUT CONVEYORS



Batch production using a driven input and/or output conveyor.

- Enables batch production
- More efficient material handling
- Available in multiple variants
- With or without control from the deburring machine

Suitable for:



TRANSPORTATION



Q-Fin Sets

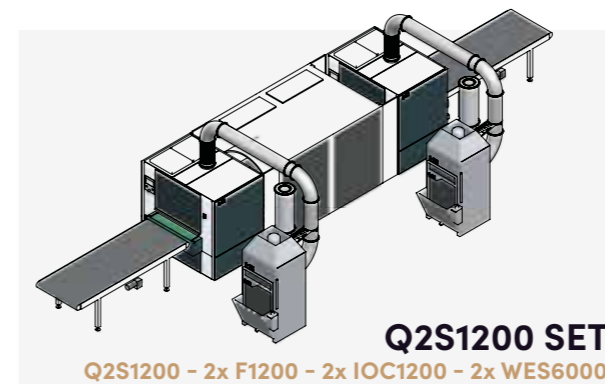
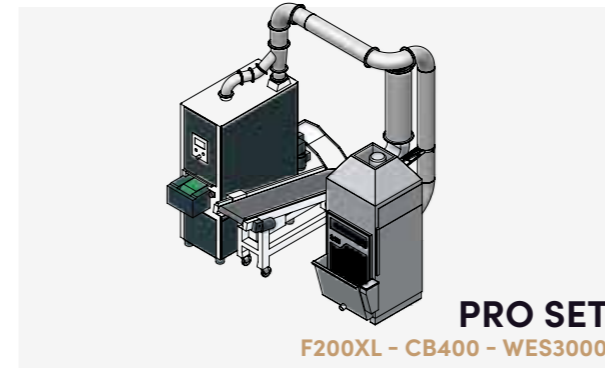
We usually combine Q-Fin finishing machines with a wet working extraction system WES. We offer this combination as a set including suiting tubing. The installation of the set including training of the operators is something we also provide.

Layout drawings of the sets are provided by us in consultation with the customer.



SETUP DRAWINGS

Two examples of a layout drawing
















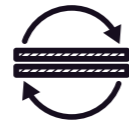

MACHINE SETS

Two examples of common Q-Fin machine sets















THE FASTEST
SOLUTION

Product applications

 Deburring	 Edge rounding	 Line grain	 Non-directional	 Grinding
 Radius 2 mm	 Deslag	 Oxide layer	 Microjoints	 Roughness
 Polishing	 Dust extraction	 Edge bevelling	 Reversing	 Transportation

Product results



QKC

Q-Fin Knowledge Club

INNOVATION AND DEVELOPMENT

When it comes to the deburring, grinding, edge rounding and finishing of sheet metal parts Q-Fin is leading in innovation. As an organization, we are continuously working on the development of our machines and the collection of technical data. Based on this, we are constantly expanding our knowledge level and optimizing our machines. And we like to share this knowledge with the users of our machines.

Q-FIN KNOWLEDGE CLUB

At Q-Fin, we are convinced that people are more successful when they work together. Which is why we founded the Q-Fin Knowledge Club (QKC). Our engineers, office employees and mechanics get together once a week to open up new horizons. And to keep innovating, improving and optimizing.

FACILITATING END USERS

We act as a knowledge centre for grinding and deburring techniques. Our customers can come to us for advice like the right use of brushes and grinding belts or for information about using the right machine settings. New customers can test our machines in our Experience Center or we can put them in contact with our reference customers. Satisfied customers, that's what it's all about at Q-Fin.

EXPERIENCE CENTER

Q-Fin BV was founded in 2013 by Anton Bax and Koen de Waard. Together giving Q-Fin 30 years of experience in deburring knowledge and machine construction. Since July 2017 our headquarters is located at Wilgenakker 8 in Bergeijk. In our Experience Center we have set up all our machines in working order so that customers can test their own products by appointment. Currently we are working with 35 enthusiastic employees. Together with the increasing awareness of the quality of our machines our team is growing with us. Innovation, pushing boundaries and growth.



