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GRINDING MACHINERIES

EAST GATE PROJECT MAKİNE SANAYİ TİCARET LİMİTED ŞİRKETİ

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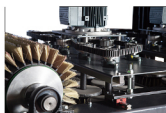
3 UNIT WOOD FLEXIBLE SANDING MACHINE

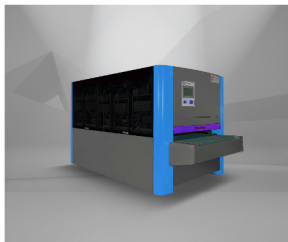
PRODUCT CODE : 1000-FZ

It is used for deburring after CNC milling, 3D part sanding, door and window sanding, and surface roughness reduction. It is a general-purpose machine and ideal for small and medium-sized businesses.

- 2 oscillating flexible discs units
- 1 drum flexible brush units,
- Speed control independent of one of the units,
- 3 – 12 m/min. material feed rate,
- 9 kW engine power in total,

Working Wide ^{mm}	0 – 1000
Working thickness ^{mm}	2 – 60
Control panel	Analog Ekran
Conveyor system features	Adjustable feed speed 3 – 12m/min,
Weight ^{kg}	1600
Dimensions ^{W*L*H}	1550 * 2550 * 1850
Electrical cabinet	Siemens, Schneider, Delta
Motor Invertors	Mitsubishi





5 UNIT WOOD FLEXIBLE SANDING MACHINE

PRODUCT CODE : 1350 FZ

It is used for deburring after CNC milling, filling sanding, 3D wood parts sanding, door and window sanding and surface roughness.

It is a precision and general purpose machine, ideal for medium and large capacity operations.

- 1 cross-brush sanding unit,
- 2 drum flexible brush units,
- 2 orbital oscillating disc flexible brush units,
- Independent speed control in units,
- Independent thickness adjustment,
- 3 – 12 m/min. material feed rate,
- Total 18 kW engine power,

Working wide mm	0 – 1350
Working Thickness mm	2 – 120
Control Panel	PLC Touch Screen
Conveyor System Features	Adjustable feed speed 3 – 12m/min
Weight kg	3800
Dimensions W*L*H	2000 * 4200 * 2100
Electrical Cabinet	Siemens, Schineder, Delta
Motor Invertors	Mitsubishi



WOOD SANDING MACHINE

PRODUCT CODE : 1600 K



Technical Specifications

Technical Specifications	1600 - K
Model mm	1600
Maximum Material Thickness mm	150
Main Engine Power kW	2 x 22
Sanding Belt Size mm	1600 x 2620
Sanding Cutting	Hız Ayarlı
Conveyor Belt Advancement	Hız Ayarlı
Operating Pressure bar	6
Conveyor Belt Motor Power kW	2.2
Table Thickness Motor Power kW	0.75
Operator Panel	PLC Kontrolü
Weight kg	5000





WOOD CALIBER AND SURFACE SANDING MACHINE

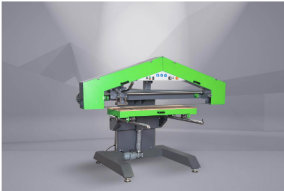
PRODUCT CODE : 1350 R.KP.

- Capacity to process 1350mm width and 3 – 120mm thickness,
- Desired surface quality in one go with its 2-unit structure
- Front unit calibrated, rear unit piano printed comb,
- It does not cause bottoming and peeling on products coated with piano prints.
- Possibility to use caliber or piano with the KP unit
- 3 – 15 m/min. adjustable feed rate,
- wear resistant conveyor belt,
- With 2820mm long sanding length, product sanding up to 1000 meters,

Optional equipment:

- Ø180mm Steel drum,
- Rubber coated drum D=180 mm 30, 45, 60, 90 sh,
- Vacuum suction table system (required for sanding materials thinner than 3mm.)
- Brush cleaning system at the exit.





SANDER

PRODUCT CODE : DYZ 5000

Technical Specifications

DYZ 5000.

Machine Working Width mm	520 - 1300
Material Processing Thickness mm	0 - 350
Sanding Dimensions mm	100 x 5000
Sanding Cutting Speed m/s	Hız Ayarlı
Motor Power kW	2,2
Machine Working Pressure bar	5
Weight kg	950
Electric Panel	Siemens
Motor Drivers	Mitsubishi - Siemens
Sanding Stretch	Pnömatik
Operator Panel	Anaolg Kontrol Paneli
Machine Dimensions	2400 x 1800 x 1850



LONG BELT SANDING MACHINE (AUTOMATIC)

PRODUCT CODE : DYZ 14600 2B

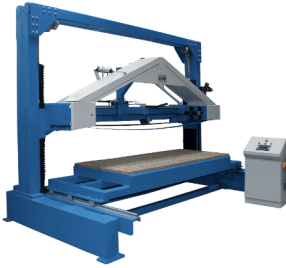


Technical Specifications

DYZ 14600 - 2B Otomatik

Model	DYZ 14600 x 2B
Machine Working Dimensions mm	4500 x 220
Material Processing Thickness mm	0 - 600
Sanding Dimensions mm	120 x 14600
Sanding Stretch	Pneumatic
Main Engine Power kW	7.5 (Speed Adjustable)
Sanding Cutting Speed Control m/sn	18 (Speed Adjustable)
Machine Working Pressure bar	6
Operator Panel	PLC Control
Weight kg	4500





LONG BELT SANDING MACHINE (AUTOMATIC)

PRODUCT CODE : DYZ 7750 X28

Technical Specifications	DYZ 7750 x 28 - Otomatik
Model	DYZ 7750 x 28
Machine Working Dimensions mm	800 x 2250
Material Processing Thickness mm	0 - 600
Vacuum Rotary Mechanism	Opsiyonel
Sanding Dimensions mm	120 x 7750
Sanding Stretch	Pnömatik
Main Engine Power kW	5.5 (Hz Ayarlı)
Sanding Cutting Speed Control m/sn	18 (Hz Ayarlı)
Machine Working Pressure bar	6
Operator Panel	Analog Kontrol Panelli
Weight kg	1950





LONG BELT SANDING MACHINE (MANUAL)

PRODUCT CODE : DYZ 7750 X2B

Teknik Özellikler	DYZ 7750 x 2B - Manuel
Model	DYZ 7750 x 2B
Machine Working Dimensions mm	800 x 2250
Material Processing Thickness mm	0 - 600
Vacuum Rotary Mechanism	Opsiyonel
Sanding Dimensions mm	120 x 7750
Sanding Stretch	Pnömatik
Main Engine Power kW	5.5 (Hız Ayarlı)
Sanding Cutting Speed Control m/sn	18 (Hız Ayarlı)
Machine Working Pressure bar	6
Operator Panel	Analog Kontrol Panelli
Weight kg	1950



PIPE POLISHING AND SANDING MACHINE 4 UNIT

PRODUCT CODE: BP 110-4

BP110 allows achieving a high productivity enabling grinding, polishing, and satin finish straight or bent tubes with a round, oval, elliptical sections made of stainless steel, steel, aluminum, brass, and other metals.

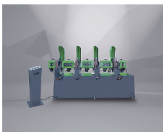
With the orbital sanding system, it makes 360° sanding without rotating the part.

- Speed adjustable automatic feeding system (front and rear),
- Speed adjustable sanding 5 – 30 m/s,
- Manual or automatic feed,
- Manual height apparatus for bent pipes,
- Sanders that open and close with pedal control,
- CE standards.

Application areas of metal

- Stainless steel,
- Aluminum,
- Brass,
- Composite,

Working Capacity mm	Ø10 - Ø14
Abrasive Motor Power kW	(4x) 3
Abrasive Cutting Speed m/s	Speed adjustable 5 – 30 m/s
Main Wheel Motor Power kW	(4x) 15
Abrasive Bant Dimensions mm	(8x) 940 x 50
Feeding Systems	5 pcs (Front and Back)
Feed Speed m/dk	1 - 5
Machine Control	Touch Screen Panel
Electrical Cabinet	Siemens, Schneider
Motor Inverter	Mitsubishi
Weight kg	750
Dimensions W*L*H	750 x 3000 x 1300
Dust Extractor Dimensions mm	(4x) Ø76





PIPE SANDING MACHINE

PRODUCT CODE : BP 150

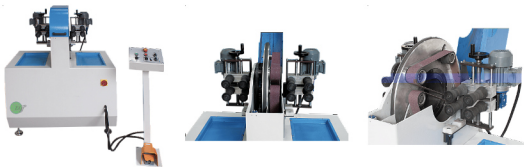
- It makes 360° sanding of the part with its orbital system,
- Automatic feeding system with speed adjustment (front and rear),
- Speed adjustable sanding 5 – 30 m/s,
- Manual pipe compression adjustment,
- Manual height device for bent pipes
- Manual sanding table,
- Sanders that open and close with pedal control,
- 1 set of belt sander is included as standard.
- It complies with CE standards.

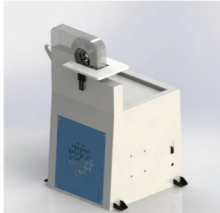
Application areas of metal mirror polishing machines

- Stainless steel
- Aluminium
- Rice
- Composite

Technical Specifications

Technical Specifications	BP 150
Model mm	BP 150
Working Capacity mm	Ø25 – Ø150
Sanding Motor Power kW	5.5
Drum Motor Power kW	2.2
Sanding Dimension mm	(2x) 1100 x 50
Attractive System Speed	Speed Adjustable
Dimensions mm	1100 x 1100 x 1300
Engine Protection Unit	Yes
Machine Control	Analogue Control Panel
Cover Safety Switch	Yes
Weight kg	420



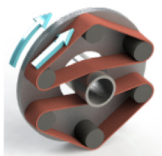


PIPE POLISHING AND SANDING MACHINE

PRODUCT CODE : BP 35

- Manual height device for bent pipes
- Manual pipe diameter adjustment,
- Sanders that open and close with pedal control,
- 1 set of belt sander standard is included.

Model	BP 35
Machine Name	Pipe Sanding, Satin and Polishing Machine
Machining diameters (mm)	5 - 35
Min. turning radius	80
Sandpaper Sizes (mm)	(2x) 20x620
Sanding Cutting Speed (m/s)	3 - 15 (speed adjustable)
Drum Motor Power (kW)	1,1
Sanding Motor Power (kW)	2,2
Machine Weight (kg)	150
Machine Dimensions (mm)	1300x950x800
Electric Panel	Siemens
Motor Drivers	Mitsubishi
Cover Safety Switch	Yes
Motor Engine Protection Unit	Yes
Machine Control	Analogue Control Panel





PIPE POLISHING AND SANDING MACHINE

PRODUCT CODE : BP 110

BP110 allows achieving a high productivity enabling grinding, polishing, and satin finish straight or bent tubes with a round, oval, elliptical sections made of stainless steel, steel, aluminum, brass, and other metals.

With the orbital sanding system, it makes 360° sanding without rotating the part.

- Speed adjustable automatic feeding system (front and rear),
- Speed adjustable sanding 5 – 30 m/s,
- Manual or automatic feed,
- Manual height apparatus for bent pipes,
- Sanders that open and close with pedal control,
- CE standards.

Application areas of metal

- Stainless steel,
- Aluminum,
- Brass,
- Composite,

Working Capacity mm	Ø10 - Ø114
Abrasive Motor Power kW	3
Abrasive Cutting Speed m/s	Speed adjustable 5 – 30 m/s
Main Wheel Motor Power kW	1,5
Abrasive Bart Dimensions mm	(2x) 940 x 50
Feeding Systems	2 pcs (Front and Back)
Feed Speed m/dk	1 - 5
Machine Control	Analog Panel
Electrical Cabinet	Siemens, Schneider
Motor Inverter	Mitsubishi
Weight kg	230
Dimensions W*L*H	750 x 950 x 1300
Dust Extractor Dimensions mm	Ø76



METAL SANDING MACHINE

PRODUCT CODE : DYZ 300 R.R.R.



Technical Specifications

DYZ 300xR.R.R.

Machine Working Width mm	0 - 300
Material Processing Thickness mm	0,8 - 120
Sanding Dimensions mm	(3x) 300 x 2000
Sanding Cutting Speed m/s	Hz Ayarlı (3-15)
Motor Power kW	(3x) 5,5
Machine Working Pressure bar	5
Weight kg	2200
Electric Panel	Siemens
Motor Drivers	Mitsubishi - Siemens
Conveyor Belt Speed m/dk	1000
Machine Dimensions	1200 x 2350 x 2150





METAL SANDING MACHINE

PRODUCT CODE : DY2300 R.R.

Suitable for grinding, deburring, finishing for flat surfaces off steel, stainless steel, brass and aluminum.

Rubber-coated Roller grinder type DY2300 provide optimum finishing for square profiles and flat surfaces through a wet grinding process.

- Working width up to 300 mm
- Wet or dry grinding
- Adjustable grinding pressures allowing to get high stock removal from work piece
- Abrasive belt variable speed
- Conveyor belt variable speed
- Abrasive belt size: 2000*310 mm

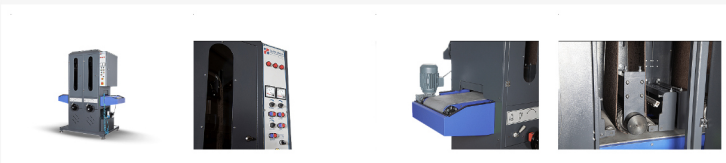
Options:

- Air blower for workpieces drying at the machine outlet
- Table roller

Working Wide mm	0 - 300
Working thickness mm	0,8 - 120
Control panel	Analog Panel
Conveyor system features	<ul style="list-style-type: none"> • Feed speed adjustable 0,5 - 8 m/min, • ability to move forward or backward • abrasion resistant conveyor belt
Weight kg	1250
Dimensions W*L*H	1200 * 1840 * 2150
Electrical cabinet	Siemens, Schneider
Motor Inverters	Mitsubishi

* CE, European standard safety norms in compliance with 2006/42/EC - 2014/30/EC

* Standard Voltage 400V - 50 Hz - 3P





LASER DEBURRING MACHINE

PRODUCT CODE : 1350 4F

Deburring is removing burr and sharp edges of metal parts with abrasive units. The burrs are tiny pieces of metal that are stuck to the surface of the sheet metal or metal parts, mostly around the cut edges. These are caused laser, water jet, punched, or plasma cutting.

Famak manufactures deburring machines for sheet metal to efficient optimal manufacturing. The deburring tool that is used in the machines is the abrasive belt. Each belt has its own grit size, which is required for different types of burrs and alloys. A finer grit is recommended for softer alloys, whereas a rougher grit is best for alloys like steel.

Deburring can be combined with edge breaking and finishing operations. The machine will then not only remove burrs, but also apply a perfect surface finish. Famak offers standard and tailor-made machines that can deburr sheet metal products.

Technical Specifications

Technical Specifications	1350 4F
Model mm	1350
Material Processing Width mm	0 - 1350
Material Processing Thickness mm	0 - 120
Motor Power kW	4 x 2.2
Sanding Diameter mm	Ø 250
Sandpaper Oscillation	Varlı Hiz Ayarlı
Sanding Cutting	Hız Ayarlı
Conveyor Advancement	Hız Ayarlı
Operating Pressure bar	6
Conveyor Belt Motor Power kW	2.2
Table Thickness Motor Power kW	1.1
Operator Panel	Dokunmatik PLC Ekran
Weight kg	1700





LASER DEBURRING MACHINE

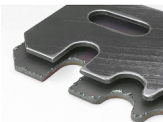
PRODUCT CODE : 1350 RBB.S

Deburring is removing burr and sharp edges of metal parts with abrasive units. The burrs are tiny pieces of metal that are stuck to the surface of the sheet metal or metal parts, mostly around the cut edges. These are caused laser, water jet, punched, or plasma cutting.

Famak, manufactures deburring machines for sheet metal to efficient optimal manufacturing. The deburring tool that is used in the machines is the abrasive belt. Each belt has its own grit size, which is required for different types of burrs and alloys. A finer grit is recommended for softer alloys, whereas a rougher grit is best for alloys like steel.

Deburring can be combined with edge breaking and finishing operations. The machine will then not only remove burrs, but also apply a perfect surface finish. Famak offers standard and tailor-made machines that can deburr sheet metal products.

Technical Specifications	1100	1350
Model mm	1100	1350
Maximum Material Thickness mm	150	150
Motor Power kW	1 x 11	1 x 15
Deburring Brush Motor Power kW	2 x 22	2 x 4
Scotch Engine Power kW	1 x 11	1 x 11
Sanding Belt Size mm	1100 x 2620	1350 x 2620
Brush Diameter mm	12 x Ø 120	14 x Ø 120
Brush Cutting	Speed Adjustable	Speed Adjustable
Brush and Scotch Oscillation	Var	Var
Sanding Cutting	Speed Adjustable	Speed Adjustable
Conveyor Belt Advancement	Speed Adjustable	Speed Adjustable
Operating Pressure bar	6	6
Conveyor Belt Motor Power kW	1.5	2.2
Table Thickness Motor Power kW	1.1	1.1
Operator Panel	PLC Control	PLC Control
Weight kg	3000	4000





METAL DEBURRING MACHINE

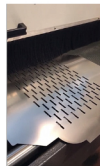
PRODUCT CODE : 1350-4F

Deburring is removing burr and sharp edges of metal parts with abrasive units. The burrs are tiny pieces of metal that are stuck to the surface of the sheet metal or metal parts, mostly around the cut edges. These are caused laser, water jet, punched, or plasma cutting.

Famak, manufactures deburring machines for sheet metal to efficient optimal manufacturing. The deburring tool that is used in the machines is the abrasive belt. Each belt has its own grit size, which is required for different types of burrs and alloys. A finer grit is recommended for softer alloys, whereas a rougher grit is best for alloys like steel.

Deburring can be combined with edge breaking and finishing operations. The machine will then not only remove burrs, but also apply a perfect surface finish. Famak offers standard and tailor-made machines that can deburr sheet metal products.

Makine çalışma genişliği	(mm)	0 – 1350
Material Processing Thickness	(mm)	0,5 – 120
Motor Power	(kW)	(4X) 2,2
Sanding Cutting Speed	(m/s)	Speed Adjustable
Oscillation Speed	(m/s)	Speed Adjustable
Sandpaper Sizes	(mm)	Ø250
Material Thickness Control		PLC Control
Conveyor System Features		Speed adjustable system (1-5m/min),
Machine Working Pressure	(bar)	6
Machine Weight	(kg)	1700
machine Control		Touch PLC panel controlled
Machine Parameter and Operation Control		From touch PLC panel
Electric Panel		Siemens
Motor Drivers		Mitsubishi
PLC and touch screen		Delta
Materials that can be used		Iron, stainless, brass, copper, bronze





BRUSHED SANDING MACHINE (4-6 UNITS)

PRODUCT CODE : 1350 F

Technical Specifications

Unit 1

Unit Name	Local Brush Abrasive
Brush Motor Power kW	2.2
Brush Cutting Speed	Hız Ayarlı
Sanding Sand	150

Technical Specifications

Unit 2

Unit Name	Ø 180 mm Rotary Disc Brushed
Brush Motor Power kW	2.2
Brush Cutting Speed	Speed Adjustable
Brush Swing	Eccentric
Number of Brushes	12
Sanding Sand	180

Technical Specifications

Unit 3

Unit Name	Ø 350 mm Rotary Disc Brushed
Brush Motor Power kW	2.2
Brush Cutting Speed	Speed Adjustable
Sanding Sand	320



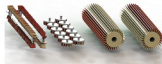
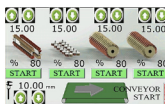
FLEXIBLE BRUSH SANDING MACHINE



PRODUCT CODE : 1350 FDFD

- Each unit has independent height adjustment.
- Each unit has independent speed control.
- It provides high efficiency.
- 3 – 12 m/min. material feed rate
- Materials that can be used:
 - CNC deburring, filler sanding,
 - 3D part sanding,
 - door and window sanding,
- It is used to remove surface roughness.

Model	1350 FDFD
Machine Name	4 Unit Brush Sanding Machine
Machine Working Width (mm)	3 – 1350
Min. Material Size (mm)	480
Material Processing Thickness (mm)	3 – 120
Material Thickness Control	PLC Panel Kontrollü
Conveyor System Features	Speed adjustable progress (3 – 12m/min) imported conveyor belt * vacuum suction table
Machine Weight (kg)	2100
Machine Dimensions	1850x3100x1950
Machine Control	Touch PLC Panel Controlled
Electric Panel	Siemens
PLC and Touch Panel	Delta
Motor Drivers	Mitsubishi
Cover Safety Switch	Yes
Motor Protection Thermals	Yes
Electronic Thickness Measurement in Units	Yes





TUMBLE AND WIRE MACHINE

PRODUCT CODE : 1350 2F

- It creates an aging pattern by using a wire brush and abrasive brush.
- With its 2-unit compact structure, it can process up to 12 meters of material per minute.
- It provides ease of processing in thin materials with its wear-resistant conveyor belt.

Model	1350 2F
Machine Name	2-Unit Wood Aging-Wiring Machine
Machine Working Width (mm)	0 - 1350
Material Processing Thickness (mm)	3 - 120
Motor power (kW)	(2x) 5
Material Thickness Control	Analogue Panel Controlled
Conveyor System Features	Speed adjustable progress (3 - 12m/min), wear resistant conveyor belt, Table Movable *
Machine Weight (kg)	1500
Machine Dimensions (mm)	1750x2000x1950
Electric Panel	Siemens
Cover Safety Switch	Yes
Motor Protection Thermals	Yes





FLAT SURFACE GRINDING MACHINES

PRODUCT CODE: DY2300 RD

Suitable for grinding, deburring, finishing for flat surfaces off steel, stainless steel, brass and aluminum.

Rubber-coated Roller grinder type DY2300 provide optimum finishing for square profiles and flat surfaces through a wet grinding process.

- Working width up to 300 mm
- Wet or dry grinding
- Adjustable grinding pressures allowing to get high stock removal from work piece
- Abrasive belt variable speed
- Conveyor belt variable speed
- Abrasive belt size: 2000*310 mm

Options:

- Air blower for workpieces drying at the machine outlet
- Table roller

Working Wide mm	0 - 300
Working thickness mm	0,8 - 120
Control panel	Analog Panel
Conveyor system features	<ul style="list-style-type: none"> • Feed speed adjustable 0,5 - 8 m/min, • ability to move forward or backward • abrasion resistant conveyor belt
Weight kg	1250
Dimensions W*L*H	1200 * 1840 * 2150
Electrical cabinet	Siemens, Schneider
Motor Invertors	Mitsubishi

* CE, European standard safety norms in compliance with 2006/42/EC - 2014/30/EC

* Standard Voltage 400V - 50 Hz - 3P





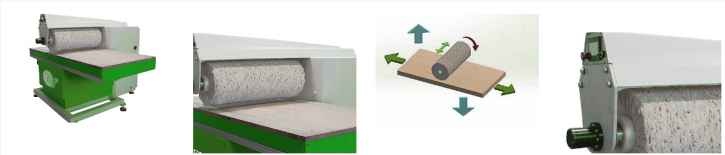
POLISHING MACHINE

PRODUCT CODE : 1100 - 1350 PM

Straight, curved or molded,

Brass, stainless, bronze etc. You will get the best possible polishing results with an oscillating cotton brush or sisal brush on the surfaces of metal parts.

Teknik Özellikler	1100 - PM	1350 - PM
Model mm	1100	1350
Material Processing Thickness mm	250	250
Polishing Motor Power (Speed Adjustable) kW	1 x 11	1 x 15
Table Processing Capacity mm	1100 x 2000	1350 x 2000
Polishing Oscillation Motor Power (Speed Adjustable) kW	0.75	0.75
Operator Panel	PLC Control	PLC Control
Table Down - Up Movement kW	11	11
Table Right - Left Movement (Speed Adjustable) kW	11	15
Weight kg	2000	2800





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