

FRATON[®]

2026 Product Catalog



machinery equipments

High-Speed Circular Saw Machine



Fraton is a company that has established its leading position in the industry through its expertise in manufacturing high-performance, high-speed circular saw machines. With the high-quality solutions and reliable service it has provided to its customers for many years, Fraton has become a brand that shapes the industry.

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About Us

Fraton is one of the industry's most trusted and leading brands in the field of high-speed circular saw machines. Thanks to our engineering expertise, manufacturing experience, and technology-driven approach, we provide our customers with high-performance, durable, precise, and high-speed cutting solutions.

Fraton's primary objective is not only to meet customer expectations but also to develop products and services that go beyond them. Every machine we manufacture is shaped by the combination of precision engineering, advanced technology, and rigorous quality control processes. Through this approach, we develop solutions that increase production efficiency, improve cutting quality, and provide businesses with a long-term competitive advantage.

Our industry experience, successful projects, and trust-based relationships with our customers have made Fraton a strong and preferred brand. In line with our principles of innovation, quality, sustainability, and customer satisfaction, we continuously improve our products and provide fast and effective solutions to evolving production requirements.

03 *fast, precise, powerful*

HIGH-S



04

SPEED

cutting



High Speed
Saw

FRTN-FL075



06



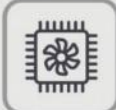
Capacity
Ø10mm-Ø75mm



Saw Engine Power
7.5KW

High-Speed Saw **FRTN-FLO75**

The FRTN-FLO75 is a high-performance, high-speed circular saw machine. Thanks to its servo motor-driven material feed system, it offers high cutting precision and consistent performance. Its ergonomic design, developed with a focus on operator safety, ease of use, and maximum efficiency, is combined with modern engineering solutions.

 Saw Movement 30° Angled Linear Guide System	 Hydraulic Pump Motor Power 3 KW	 Saw Feed Servo 1.5 KW (Planetary Gearbox)	 Material Feed Servo 1.5 KW (Direct Drive)	 Saw Speed 50-200 RPM	 Saw Blade Dimensions Ø285 X 2,0 X 1,7 X 32 mm	 Saw Cutting Feed Linear Guide and Ball Screw	 Saw Cutting Feed Linear Guide and Ball Screw	 Automatic Workpiece Feed Length 10 mm - 800 mm
 Automatic Workpiece Length 1750 mm - 6000 mm	 Chip Conveyor Paletli Tip	 Cooling Systems Mist - Hava Yağ karışımı	 Blade Cooling Cold Air	 Machine Weight 3600 Kg	 Machine Dimensions 2980 mm x 6800 mm	 Lubrication Automatic Lubrication	 Control System SIEMENS PLC and 10" Touchscreen	 Hydraulic System Cooled REXROTH System

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Automation
Systems

SIEMENS

Hydraulic
Equipment

rexroth
A Bosch Company

Linear
Equipment



Thanks to its 7.5 kW main motor, which is powered by a gearbox, you can easily cut your material. The front and rear hydraulic clamps minimize vibrations during cutting, allowing you to achieve a clean and smooth cut surface.

High Speed
Saw

FRTN-FL100



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Capacity
Ø20 mm - Ø100 mm



Saw Engine Power
15 KW

FRATON®
MACHINERY - EQUIPMENTS

High-Speed Saw **FRTN-FL100**

The FRTN-FL100 is a high-performance, high-speed circular saw machine. Thanks to its servo motor-driven material feed system, it offers high cutting precision and consistent performance. Its ergonomic design, developed with a focus on operator safety, ease of use, and maximum efficiency, is combined with modern engineering solutions.



Saw Movement
30° Angled Linear
Guide System



Hydraulic Pump Motor Power
3 KW



Saw Feed Servo
1.5 KW (Planetary Gearbox) 1.5 KW (Direct Drive)



Material Feed Servo



Saw Speed
30 - 160 RPM



Saw Blade Dimensions
Ø360 x 2.25 x 2.5 x 40 mm



Saw Cutting Feed
Linear Guide and Ball Screw



Workpiece Feeding System
Linear Guide and Ball Screw



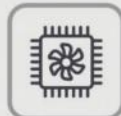
Automatic Workpiece Feed Length
10 mm - 800 mm



Automatic Workpiece Length
1750 mm - 6000 mm



Chip Conveyor
Crawler Type



Cooling Systems
Mist - Air-Oil Mixture



Blade Cooling
Cold Air



Machine Weight
4350 KG



Machine Dimensions
3200 mm - 6790 mm



Lubrication
Automatic Lubrication



Control System
SIEMENS PLC and
10" Touchscreen



Hydraulic System
Cooled REXROTH
System

Automation
Systems

SIEMENS

Hydraulic
Equipment

rexroth
A Bosch Company

Linear
Equipment



Thanks to its 15 kW main motor, which is powered by a gearbox, you can easily cut your material. The front and rear hydraulic clamps minimize vibrations during cutting, allowing you to achieve a clean and smooth cut surface.

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High Speed
Saw

FRTN-FL160



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Capacity
Ø30 mm - Ø160 mm



Saw Engine Power
15 KW

High-Speed Saw FRTN-FL160

The FRTN-FL160 is a high-performance, high-speed circular saw machine. Thanks to its servo motor-driven material feed system, it offers high cutting precision and consistent performance. Its ergonomic design, developed with a focus on operator safety, ease of use, and maximum efficiency, is combined with modern engineering solutions.



Saw Movement
30° Angled Linear
Guide System



Hydraulic Pump Motor Power
3 KW



Saw Feed Servo
1.5 KW
(Planetary Gearbox)



Material Feed Servo
1.5 KW (Direct Drive)



Speed Saw
30 - 160 RPM



Saw Blade Dimensions
Ø480 x 2.25 x 2.7 x 40 mm
(150 Çap Standart)
Ø480 x 2.25 x 2.7 x 40 mm
(160 Çap Opsiyonel)



Saw Cutting Feed
Linear Guide and
Ball Screw



Workpiece Feeding System
Linear Guide and
Ball Screw



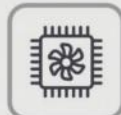
Automatic Workpiece Feed Length
10 mm - 800 mm



Automatic Workpiece Length
1750 mm - 6000 mm



Chip Conveyor
Crawler Type



Cooling System
Mist - Air-Oil Mixture



Blade Cooling
Cold Air



Machine Weight
4600 KG



Machine Dimensions
3250 mm - 6800 mm



Lubrication
Automatic Lubrication



Control System
SIEMENS PLC and
10" Touchscreen



Hydraulic System
Cooled REXROTH System

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Automation
Systems

SIEMENS

Hydraulic
Equipment

rexroth
A Bosch Company

Linear
Equipment



Thanks to its 15 kW main motor, which is powered by a gearbox, you can easily cut your material. The front and rear hydraulic clamps minimize vibrations during cutting, allowing you to achieve a clean and smooth cut surface.

High Speed
Saw

FRTN-FL230



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Capacity
Ø70 mm - Ø230 mm



Saw Engine Power
30 KW

High-Speed Saw **FRTN-FL230**

The FRTN-FL230 is a high-performance, high-speed circular saw machine. Thanks to its servo motor-driven material feed system, it offers high cutting precision and consistent performance. Its ergonomic design, developed with a focus on operator safety, ease of use, and maximum efficiency, is combined with modern engineering solutions.



Saw Movement
30° Angled Linear
Guide System



Hydraulic Pump Motor Power
4 KW



Saw Feed Servo
2.5 KW (Planetary Gearbox)



Material Feed Servo
2 KW (Direct Drive)



Saw Speed
30 - 90 RPM



Saw Blade Dimensions
Ø750 x 3.2 x 3.8 x 80 mm



Saw Cutting Feed
Linear Guide and
Ball Screw



Workpiece Feeding System
Linear Guide and Ball Screw



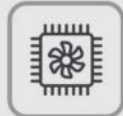
Automatic Workpiece Feed Length
10 mm - 600 mm



Automatic Workpiece Length
2000 mm - 6000 mm



Chip Conveyor
Crawler Type



Cooling System
Mist - Air-Oil Mixture



Blade Cooling
Cold Air



Machine Weight
6400 KG



Tezgah Ebatları
3880 mm x 6920 mm



Yağlama
Otomatik Yağlama



Kontrol Sistemi
SIEMENS PLC ve 10
" Dokunmatik Ekran



Hidrolik Sistem
Soğutmalı,
REXROTH Sistem

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Automation
Systems

SIEMENS

Hydraulic
Equipment

rexroth
A Bosch Company

Linear
Equipment



Thanks to its 30 kW main motor, which is powered by a gearbox, you can easily cut your material. The front and rear hydraulic clamps minimize vibrations during cutting, allowing you to achieve a clean and smooth cut surface.



FRTN-FL075



FRTN-FL100

Capacity	Ø10 mm – Ø75 mm	Ø20 mm – Ø100 mm
Saw Movement	30° Inclined Linear Guide System	30° Inclined Linear Guide System
Saw Motor Power	7.5 kW	15 kW
Hydraulic Pump Motor Power	3 kW	3 kW
Saw Feed Servo Motor	1.5 kW (Planetary Gearbox)	1.5 kW (Planetary Gearbox)
Material Feeding Servo Motor	1.5 kW (Direct Drive)	1.5 kW (Direct Drive)
Saw Speed	50–200 rpm	30–160 rpm
Saw Blade Dimensions	Ø285 × 2.0 × 1.7 × 32 mm	Ø360 × 2.25 × 2.5 × 40 mm
Saw Cutting Feed	Linear Guide and Ball Screw	Linear Guide and Ball Screw
Workpiece Feeding System	Linear Guide and Ball Screw	Linear Guide and Ball Screw
Automatic Workpiece Feeding Length	10 mm – 800 mm	10 mm – 800 mm
Automatic Workpiece Length	1750 mm – 6000 mm	1750 mm – 6000 mm
Chip Conveyor	Slat-Type Conveyor	Slat-Type Conveyor
Cooling System	Mist – Air/Oil Mixture	Mist – Air/Oil Mixture
Blade Cooling	Cold Air	Cold Air
Machine Weight	3600 kg	4350 kg
Machine Dimensions	2980 mm × 6800 mm	3200 mm × 6790 mm
Lubrication System	Automatic Lubrication	Automatic Lubrication
Control System	SIEMENS PLC and 10" Touchscreen	SIEMENS PLC and 10" Touchscreen
Hydraulic System	Cooled REXROTH Hydraulic System	Cooled REXROTH Hydraulic System



FRTN-FL160



FRTN-FL230

Ø30 mm – Ø160 mm	Ø130 mm – Ø230 mm
30° Inclined Linear Guide System	30° Inclined Linear Guide System
15 kW	30 kW
3 kW	4 kW
1.5 kW (Planetary Gearbox)	2.5 kW (Planetary Gearbox)
1.5 kW (Direct Drive)	2 kW (Direct Drive)
30–160 rpm	30–90 rpm
Ø460×2.25×2.7×40 mm (Ø150 Standard) (Ø160 Optional)	Ø750×3.2×3.8×80 mm
Linear Guide and Ball Screw	Linear Guide and Ball Screw
Linear Guide and Ball Screw	Linear Guide and Ball Screw
10 mm – 800 mm	10 mm – 600 mm
1750 mm – 6000 mm	2000 mm – 6000 mm
Slat-Type Conveyor	Slat-Type Conveyor
Mist – Air/Oil Mixture	Mist – Air/Oil Mixture
Cold Air	Cold Air
4600 kg	6400 kg
3250 mm×6800 mm	3880 mm×6920 mm
Automatic Lubrication	Automatic Lubrication
SIEMENS PLC and 10" Touchscreen	SIEMENS PLC and 10" Touchscreen
Cooled REXROTH Hydraulic System	Cooled REXROTH Hydraulic System

Industry Solutions

Automotive

High-volume cutting with repeatable precision for the production of shafts, axles, and fasteners.

Defense Industry

Tight tolerances and traceability in the cutting of high-strength steels and special alloys.

Machinery Manufacturing

Clean-cut surfaces ready for machining in the production of shafts, bushings, and body components.

Metalworking

Flexible cutting solutions that quickly adapt to different diameters and material types.

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The appropriate machine model is determined based on the material diameter, material type, cutting length, and production speed.

Industry Solutions

Forging and Rolling Industry

High-tonnage cutting with excellent dimensional consistency for billet

Tube and Profile Production

High-speed cut-to-length solutions for tube and profile production lines, delivering burr-free cuts with precise dimensional accuracy.

Steel Service Centers

Fast, low-waste cutting with repeatable precision for solid materials of different diameters and alloys.

Bearing and Gear Industry

Clean-cut surfaces with high dimensional accuracy, suitable for mass production of bearing rings and gear blanks.

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The appropriate machine model is determined based on the material diameter, material type, cutting length, and production speed.

*fast, precise
strong*

Automation
Systems

SIEMENS

Hydraulic
Equipment

rexroth
A Bosch Company

Linear
Equipment



Fraton stands out in its industry with its innovative approach, reliable service, and quality-focused solutions. By accurately analyzing customer expectations, it aims to deliver sustainable, strong, and long-term value in every project.



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High Performance in Manufacturing



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By combining advanced technology, strong engineering expertise, and high-quality standards, we deliver reliable solutions at every stage of production. With machines that increase efficiency, enhance precision, and provide long-lasting performance, we are shaping the future of the industry.

machinery equipments

FRATON®

MACHINERY - EQUIPMENTS

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