



We are in a constant pursuit of promoting our products, the appearance and technical data of all our products are subject to real ones.

MAKE STONE PROCESSING EASIER



QUANZHOU DAFON MACHINERY CO.,LTD.

Web: www.dafonmachine.com

Email: danny@dafonmachine.com

Whatsapp&wechat: +8615059560663

Add:Hailian Industrial Park, Shuitou Town, Nan'an City,
Fujian Province, China



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QUANZHOU DAFON MACHINERY CO.,LTD.

Stone Intelligent Manufacturing Solution Provider

- Participated in the design and development of China's first horizontal diesel disc quarry mining saw
- Design and manufacture China's first automatic kerbstone production line
- Design and manufacture China's first intelligent concrete cutting and production line

COMPANY PROFILE

Quanzhou Dafon Machinery Co., Ltd.

Located in Shuitou, China—the "World Stone Capital"—Dafon is a leading manufacturer of stone processing machinery. We specialize in designing, producing, and servicing advanced stone processing equipment, including automatic kerbstone lines, cutting and polishing machines, as well as a variety of stone tools and diamond accessories.

With over 20 years of expertise, Dafon holds 38 national invention and utility model patents. Our products meet global standards, certified by EU/CE and ISO9001. Renowned for innovative design, reliable quality, and exceptional service, Dafon's products are exported to over 50 countries across Europe, the Americas, Africa, Southeast Asia, and the Middle East.

Committed to excellence, Dafon continuously enhances its R&D capabilities and service standards, striving to build a world-class Chinese industrial brand and deliver intelligent stone processing solutions worldwide.



22 years' experience in the stone machinery industry



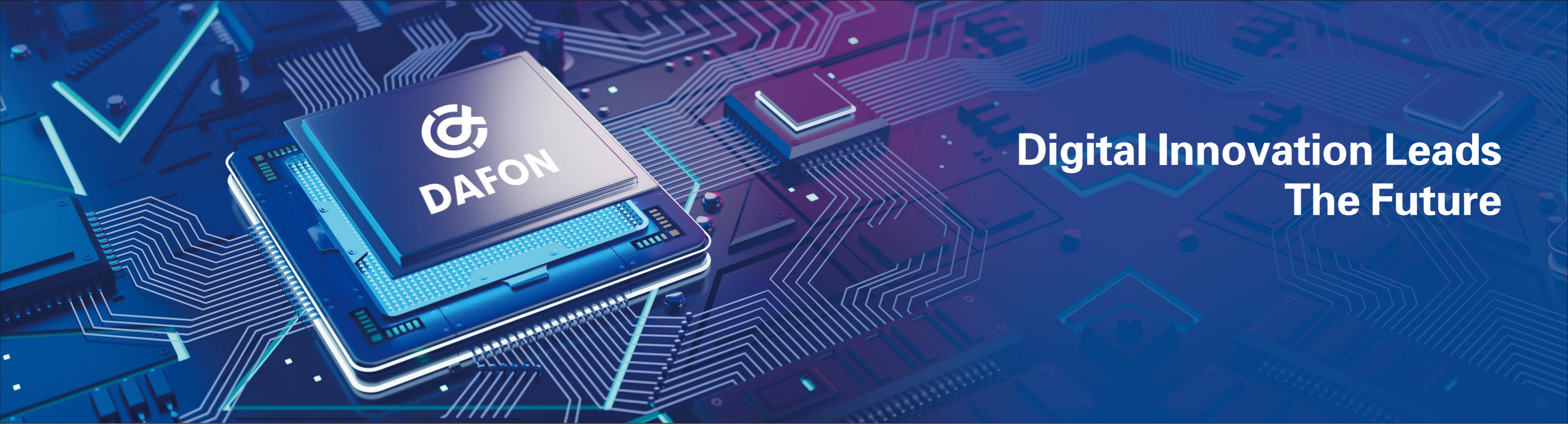
With a production capacity of 2500 sets annually



Holding 38 national invention patents and utility models



10000+ Global Customers



Digital Innovation Leads The Future

HONORARY QUALIFICATIONS

Dafon products have obtained the EU CE certification, SGS certification, BV certification, ISO certification, national high-tech enterprises, specialized, refined, unique, and innovative enterprises and other honors.

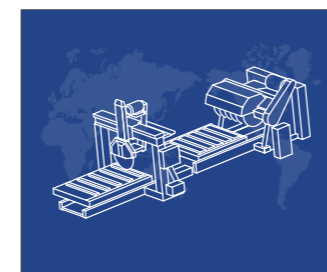


PATENT CERTIFICATE

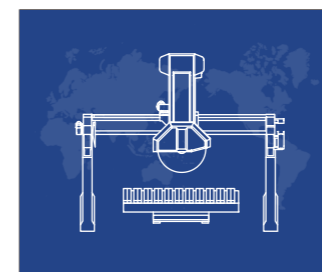
After more than 20 years of industry technology accumulation and experience accumulation, Dafon has successively obtained dozens of national patents.



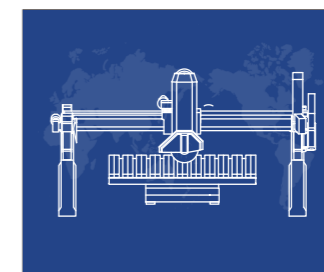
PRODUCT SERIES



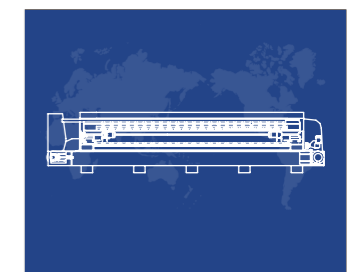
1 Kerbstone Series



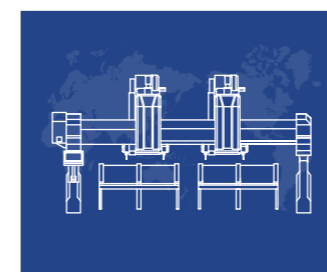
2 Block Cutter Series



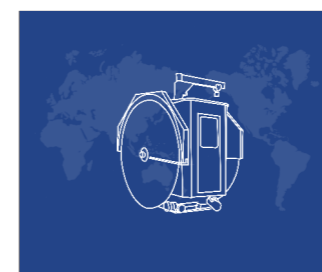
3 Bridge Cutter Series



4 Surface Treatment Series



5 Special Shape Series



6 Mining Machine Series

Remote real-time monitoring, management, operation and online function optimization



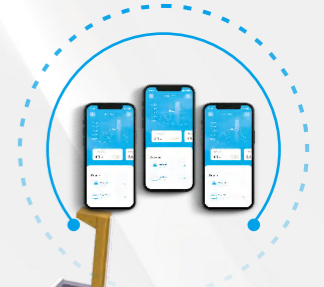
Intelligent Line for Kerbstone

Automation

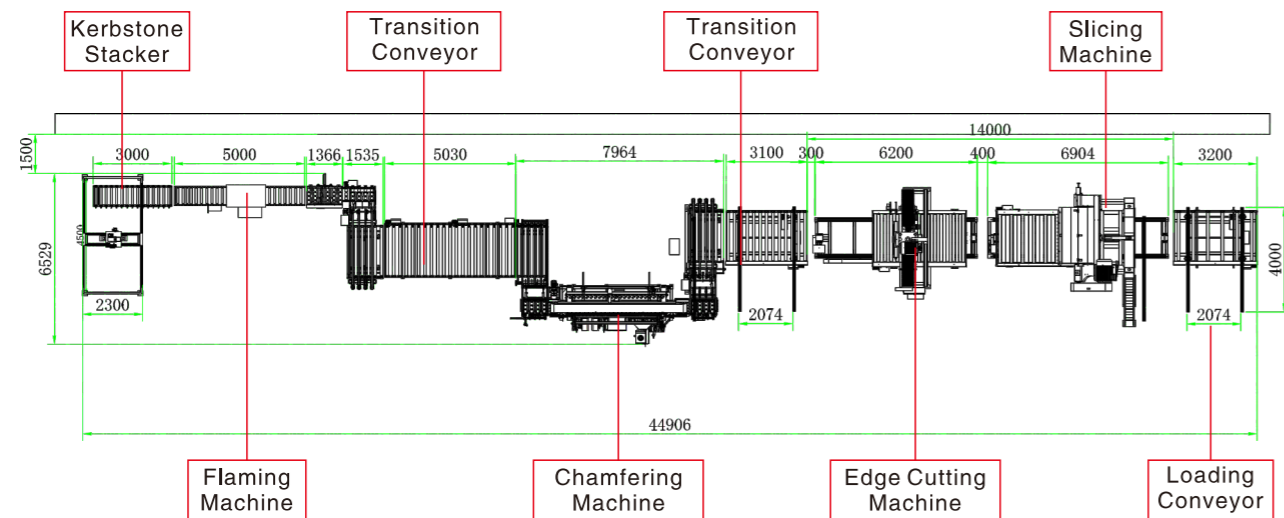
Informatization

Intelligent

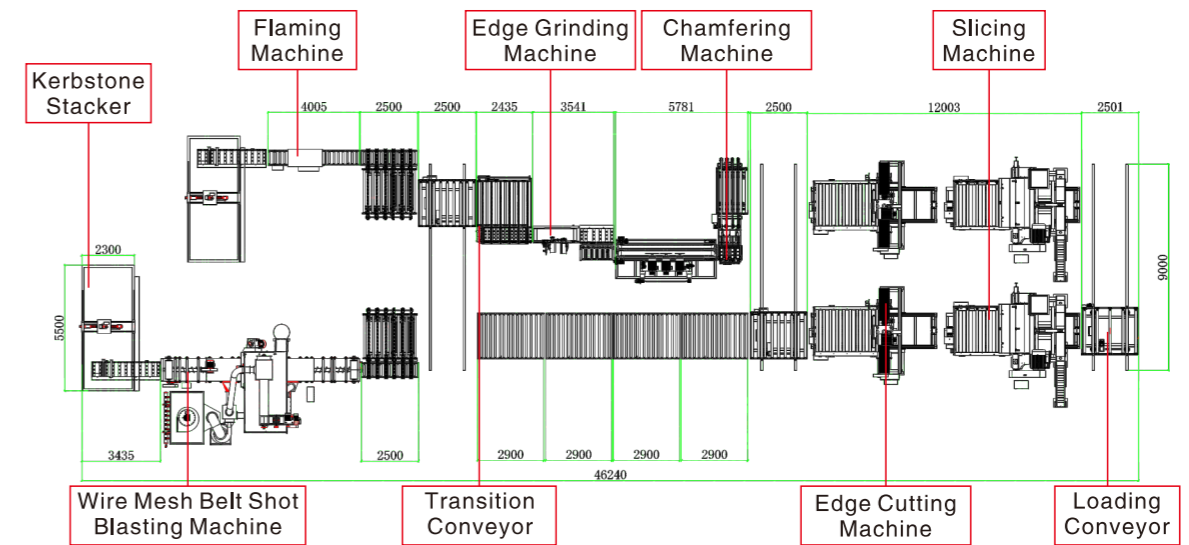
Mobile phone working monitoring, equipment monitoring, environmental monitoring



Can be customized according to different user needs and application scenarios



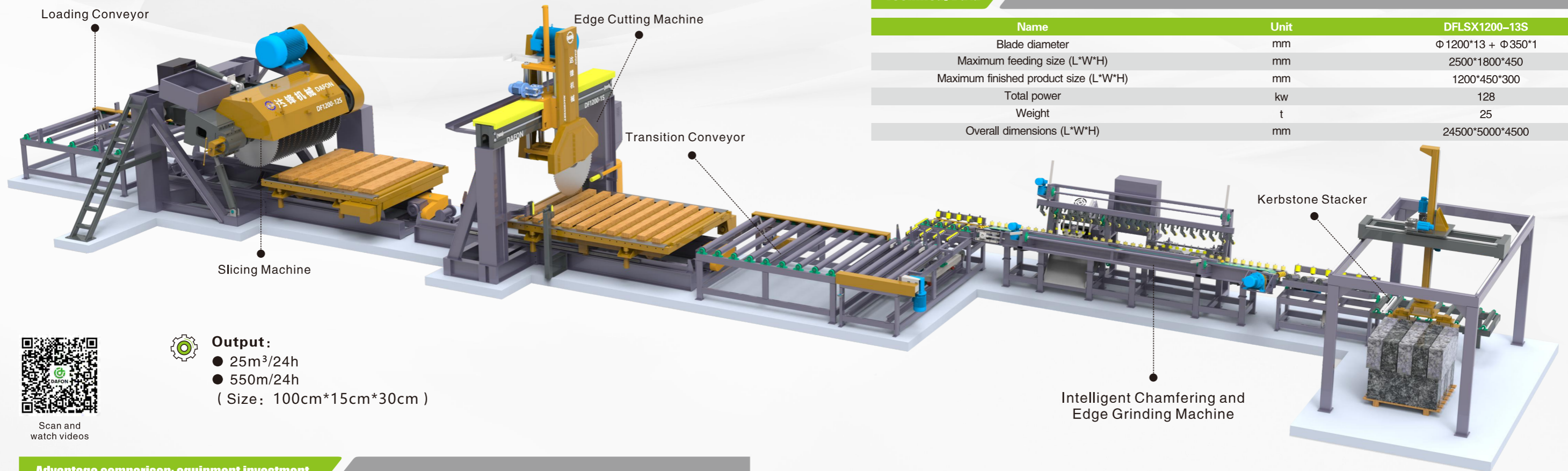
Option 1
Kerbstone Cutting, Chamfering and Flaming Line



Option 2
Kerbston Cutting, Chamfering, Flaming and Shot-blasting Line

DFLSX1200-13S

Intelligent Line For Kerbstone



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Output:

- 25m³/24h
- 550m/24h
- (Size: 100cm*15cm*30cm)

Product Introduction

The Dafon Intelligent Kerbstone Cutting Line is a highly efficient processing solution, comprising a loading conveyor, slicing machine, edge cutter, transition conveyor, flipping unit, chamfering/grinding machine, and finished product conveyor. Optional flaming and polishing units are available.

It completes cutting, chamfering, rounding, flaming, and polishing in one continuous process. The system offers high automation, a compact layout, easy operation, precise cutting, and supports customization.

Technical Data

Name	Unit	DFLSX1200-13S
Blade diameter	mm	Φ 1200*13 + Φ 350*1
Maximum feeding size (L*W*H)	mm	2500*1800*450
Maximum finished product size (L*W*H)	mm	1200*450*300
Total power	kw	128
Weight	t	25
Overall dimensions (L*W*H)	mm	24500*5000*4500

Advantage comparison: equipment investment

Take the finished specification of kerbstone 900*120*300mm and the daily output of 30m³ as an example

Comparison Project	Dafon Solutions	Traditional Cutting Way	
		Bridge Cutter Machine DFO-Z1200	Bridge Cutter Machine DFO-H800
Investment in equipment	1 set	4~5 set	3 set
Daily production (m ³)	25~30	25~30	25~30
Production staff (persons)	1	2~3	3
Floor space (m ²)	60 without chamfering machine	150	100
Total power (kw)	80 without chamfering machine	110	80

Advantages comparison: production cost

Take the finished specification of kerbstone 900*120*300mm as an example, unit: yuan/m³

Comparison Project	Dafon Solutions	Traditional Cutting Way	
		Bridge Cutter Machine DFO-Z1200	Bridge Cutter Machine DFO-H800
Per cubic metre labour wage (¥)	65 Chamfering included	170 Chamfering included	140~150 Chamfering included
Per cubic metre cutter head cost (¥)	16~20	40	25~30
Packing (¥)	10	10	10
Cost of large cuts (¥)	30~40 Segments included	30~40 Segments included	50~60 Segments included
Total cost (¥)	≈ 130	≈ 260	≈ 240

DFLSX1200-15S

Intelligent Line For Kerbstone (90 Degrees)



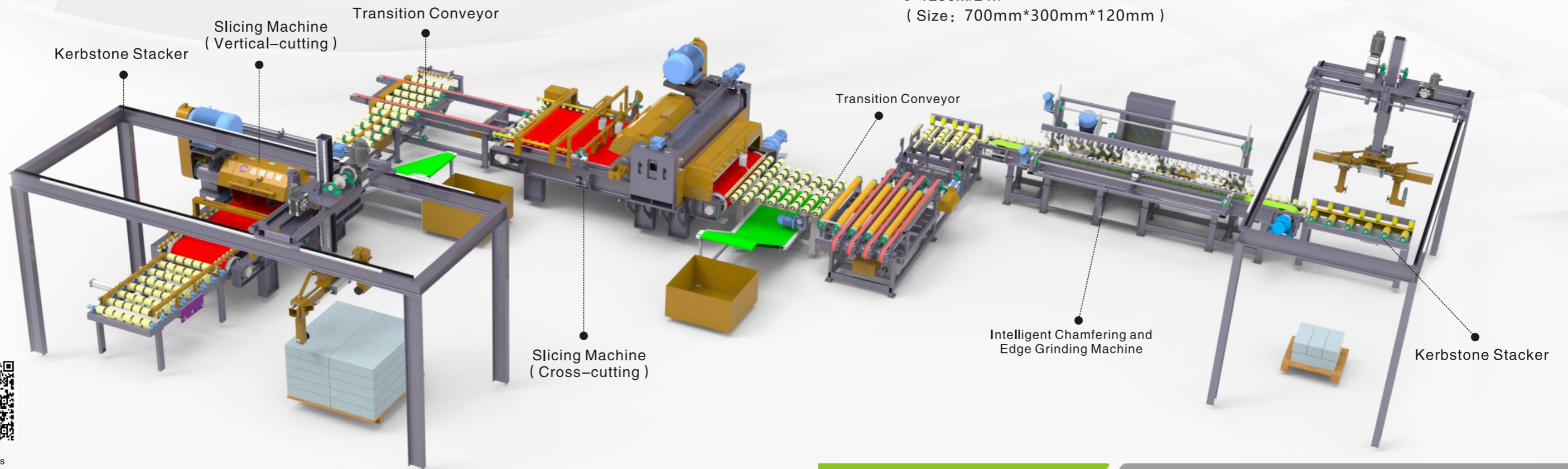
Technical Data

Name	Unit	DFLSX1200-15S
Blade diameter	mm	600-800
Maximum feeding size (L*W*H)	mm	1800* (800-1800) *200 Width can be customized
Minimum finished product size (L*W*H)	mm	500*200*100
Total power	kw	179
Overall dimensions (L*W*H)	mm	17000*12500*4000



Output:

- 50m³/24h
- 1250m/24h
- (Size: 700mm*300mm*120mm)



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Advantage comparison: equipment investment

Take the finished specification of kerbstone 700*300*120mm and the daily output of 50m³ as an example as an example

Comparison Project	Dafon Solutions	Traditional Cutting Way	
		Bridge Cutter Machine DFO-Z1200	Bridge Cutter Machine DFO-H800
Investment in equipment	1 set	4~5 set	3 set
Daily production (m ³)	50	25~30	25~30
Production staff (persons)	2	2~3	3
Floor space (m ²)	220	150	100
Total power (kw)	179	110	80

Advantages comparison: production cost

Take the finished specification of kerbstone 700*300*120mm as an example, unit: yuan/m³

Comparison Project	Dafon Solutions	Traditional Cutting Way	
		Bridge Cutter Machine DFO-Z1200	Bridge Cutter Machine DFO-H800
Per cubic metre labour wage (¥)	40 Chamfering included	170 Chamfering included	140~150 Chamfering included
Per cubic metre cutter head cost (¥)	20	40	25~30
Packing (¥)	10	10	10
Cost of large cuts (¥)	50~60 Segments included	30~40 Segments included	50~60 Segments included
Total cost (¥)	≈ 130	≈ 260	≈ 240

DF1200-13S

Kerbstone Cutting Machine Line



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Product Introduction

The Dafon kerbstone cutting line comprises a slicing machine and edge cutter, built with a robust integrated casting for maximum stability. Key components like the high-frequency hardened spindle ensure long-lasting performance. Designed for high automation and operational simplicity, it delivers precise cuts on hard granite, kerbstones, and thick slabs.

- **High Output:** Fitted with 10 – 12 × Φ 1200mm blades for multi-blade cutting.
- **Efficient Workflow:** Roller transfer between machines minimizes manual handling.
- **High cutting accuracy:** a PLC control system and hydraulic lift keep the blade steady; shallow, fast passes with a template and hydraulic arm give precise cuts.
- **Lower Investment:** For the same output, it cuts equipment spending by 20 – 30 % compared with other machines, easing the company's cash strain.
- **Reduced Tool Cost:** Faster cutting with fewer passes decreases Segment wear by 30 – 50%.

Technical Data

Name	Unit	DF1200-12S	DF1200-1S
Maximum blade diameter	mm	Φ 1000~1200	Φ 1000~1200
Maximum number of saw blades	pcs	10~12	1
Maximum Cutting Size	mm	2500*1750*450	2500*1750*450
Maximum vertical stroke	mm	450	450
Operating voltage	v	3phase380	3phase380
Main motor power	kw	55	22
Worktable size(L*W)	mm	2500*2150	3230*2150
Maximum feeding size (L*W*H)	mm	2500*1800*450	2500*1800*450
Weight	t	9.6	6.8
Overall dimensions (L*W*H)	mm	6000*5500*3100	5600*4500*4600

DF1200-12

Slicing Machine



Jib Crane



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Product Introduction

Built with integrated steel castings, this machine offers easy installation and lasting durability. It features a 120mm high-frequency hardened spindle for wear resistance and minimal deformation. Hydraulic lifting ensures stable operation, with three available working widths (1600mm, 1800mm, 2000mm) for precise cutting of kerbstones, tombstones, railings, and thick slabs.

- **High Output:** Configurable with 10 – 20 × Φ 1200mm blades for multi-blade cutting.
- **High cutting accuracy:** a PLC control system and hydraulic lift keep the blade steady; shallow, fast passes with a template and hydraulic arm give precise cuts.
- **Reliable Stability:** Top-tier motors, bearings, and hydraulic components.
- **Low Tool Cost:** Fast cutting with fewer passes reduces segment wear by 30 – 50%.

Technical Data

Name	Unit	DF1200-12
Maximum blade diameter	mm	Φ 1000~1200
Maximum number of saw blades	pcs	20
Maximum processing width	mm	1550/1750/1950
Spindle diameter	mm	Φ 120
Maximum lifting stroke	mm	600
Maximum depth of cut	mm	450
Main motor power	kw	55/75
Maximum teeding size(L*W*H)	mm	2500*1600/1800/2000*450
Weight	t	9
Overall dimensions (L*W*H)	mm	6000*5500*3100

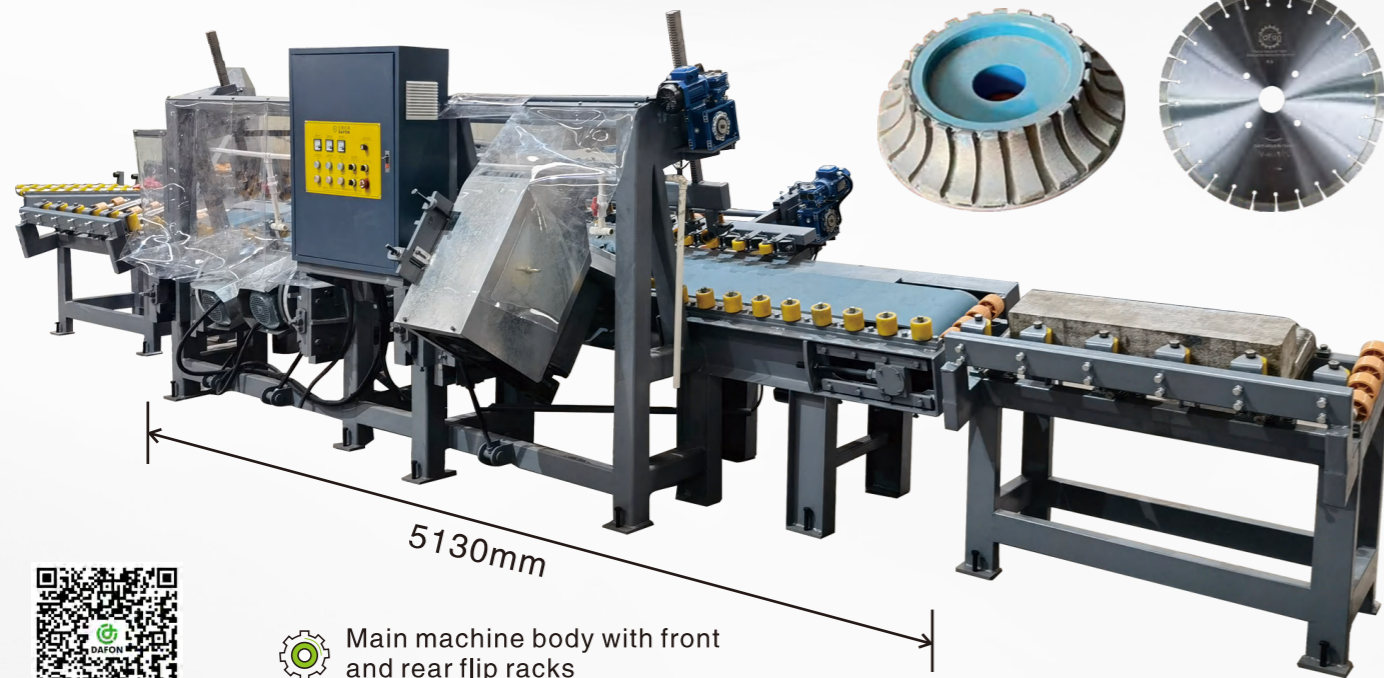
Kerbstone Series

Processing Width Can Be Customized

Kerbstone clamp max.3.5T

DFL-ZD400

Kerbstone Chamfering Machine (Line)



Scan and watch videos

Main machine body with front and rear flip racks



Chamfering machine+ front and back flip racks



Intelligent Production line

Kerbstone Series

Product Introduction

This chamfering and rounding machine features an extra-large, heavy-duty frame designed for high precision, intelligent operation, and reliable performance. It is suitable for kerbstones and thick slabs, supporting customized chamfering and surface grinding.

- **Strong & durable:** Bigger, heavier frame built to last.
- **High precision:** Bottom-chamfering keeps every cut accurate.
- **Rock-steady:** Top-brand motors, bearings, rollers and hydraulics keep the machine running smoothly.

Technical Data

Name	Unit	DFL-ZD400
Blade diameter	mm	Φ350~400
Grinding disc size	mm	Φ150*R20~Φ200*R50
Number of heads	pcs	2~3
Max. cutting length	mm	1200
Max. cutting size (L*W*H)	mm	1200*600*300
Maximum chamfer size	mm	10~50 (can be customized)
Max. grinding size	mm	R50
Main motor power	kw	11kw+7.5kw*2
Weight	t	4
Overall dimensions (L*W*H)	mm	7300*4560*2000

DFL-SF1200

Kerbstone Slicing Machine with Two Worktables



DFL-SD1200

Kerbstone Edge Cutting Machine with Two Worktables



Product Introduction

Based on the original worktable slicing machine and edge cutting machine, an extra trolley is added to the cutting time for loading or unloading of stone, saving loading and unloading time and greatly improving work efficiency.

Technical Data

Name	Unit	DFL-SF1200	DFL-SD1200
Maximum blade diameter	mm	Φ1000-1200	Φ1000-1200
Maximum number of saw blades	pcs	12	1
Spindle diameter	mm	Φ120	Φ120
Effective shaft length	mm	1750	1750
Maximum feeding size (L*W*H)	mm	2500*1800*450	2500*1800*450
Main motor power	kw	55	22
Weight	t	11.5	9
Overall dimensions (L*W*H)	mm	12000*4300*3200	12000*4300*4700

DFL-SM6+6/8+8

Double-sided Kerbstone Polishing Machine



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Product Introduction

The Dafon Grinding Machine is designed to meet high-quality kerbstone standards. It utilizes high-speed grinding discs to smooth and polish surfaces, achieving a flat and glossy finish. Controlled by a PLC system with a user-friendly interface, it ensures easy operation, high efficiency, and stable performance for processing kerbstones, tomb stones, and other stone products.

- **High Efficiency:** Simultaneous top and side polishing reduces labor costs by 30% - 50%.
- **Line Integration:** Connects directly to processing lines, minimizing manual handling.
- **Reliable Performance:** Equipped with top-tier motors, bearings, and hydraulic components.

Technical Data

Name	Unit	DFL-SM6+6	DFL-SM8+8
Processing length	mm	300~1500	300~1500
Processing width	mm	200~650	200~650
Processing height	mm	100~250	100~250
Number of side grinding head	pcs	6	8
Number of top grinding head	pcs	6	8
Dia of side polishing disc	mm	Φ200~300	Φ200~300
Dia of top polishing disc	mm	Φ200~250	Φ200~250
Total power	kw	115	130
Weight	t	12	14
Overall dimensions (L*W*H)	mm	7500*2368*2430	9260*2368*2430

DFL-PS1000

Wire Mesh Belt Shot Blasting Machine



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Product Introduction

- **Blasting chamber shell:** Welded by steel plates and profile steel, have enough strength and rigidity.
- **Screw conveyor system:** The screw conveyor is a serialized part of our company, with high versatility, interchangeability, stable and reliable performance, and the entire screw shaft is processed after welding to ensure coaxiality.
- **Elevator:** Bucket elevator is equipped with an anti-reverse mechanism to prevent the hoist from reversing due to power outages and other reasons. The belt is equipped with a fault sensor induction alarm device, and the fault interlocking shutdown will prompt an alarm.
- **Separator:** This machine adopts the most advanced curtain-type multi level air wash purifier in the world, and the dust content of the separated steel shot is less than 6%.
- **Electric control system:** PLC control of the whole line, separate dynamic and automatic two working modes. Through PLC control equipment according to the program to achieve automatic shot blasting operation.
- **Dust collector:** 3-level dust collector: settling chamber and cartridge filters. Cleaning efficiency is up to 99.5%.
- **Abrasive flow valve:** 4 sets of abrasive flow control system, used to control the abrasive flow into the shot blaster, and manually adjust the steel shot flow rate, Cylinder control gate valve switch, long service time.

Technical Data

Name	Unit	DFL-PS1000
Inlet and outlet opening size	mm	1000*500 (W x H)
Blast cleaning speed (stepless frequency control the speed)	m/min	0.5-2.5
Surface roughness	um	40-75
Control panel Main Voltage	set	According local power supply 24V DC
Total power	kw	Approx. 61.9
Compressed air consumption	m ³ /min	0.5
Pressure range of the compressed air	Mpa	6-8
Type and size	mm	Φ0.8-1.2 (steel shot, cut wire shot)
Initial addition	ton	1.5-2
Total length of machine	mm	9000
Foundation pit requirement		Without

DFY-YSF6000/8000

Circular Stone Copying Machine



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Product Introduction

This machine is self – designed and can be used to process round shaped stones, such as flower bowl, round basin, Fengshui ball, etc. Extreme high, the maximum processing diameter up to 8 meters, load capacity up to 100 tons, this model and mature, market share is very high, another can inner hole profiling kit is selected to support bore profiling.

Technical Data

Name	Unit	DFY-YSF6000	DFY-YSF8000
Maximum machining diameter	mm	6000	8000
Maximum machining height	mm	1850	3200
Max capacity	T	50	100
Table diameter	mm	2000	2000
Blade Diameter	mm	500-700	500-700
Main motor power	kw	11	15
External dimension	mm	5200*2000*3200	5700*2000*4700
weight	T	5	7

DFY-LGJ1500/1800

Stone Balustrade Machine



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Product Introduction

The balustrade machine is suitable for machining balustrades, columns, spheres and other rotary circular workpieces, supporting both PLC contouring control systems and CNC numerical control systems.

Technical Data

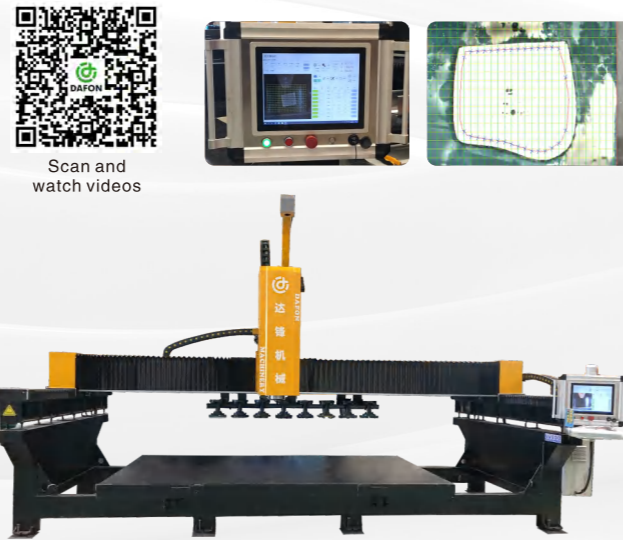
Name	Unit	DFY-LGJ1500	DFY-LGJ1800
Processing Specifications	mm	6000	8000
Centre distance	mm	300	300
Processing length	mm	1500	1800
Lifting stroke	mm	400	600
Main motor power	kw	11*2	11*2
Saw blade diameter	mm	400-600	400-600
weight	kg	2300	3300
Specifications and Dimensions	mm	3000*2300*2100	3500*2300*2500

DFB-QM3200

Granite and Marble Polishing Machine

Technical Data

Name	Unit	DFB-QM3200
Main motor power (with inverter)	kw	7.5
Number of heads	pcs	8
Diameter of polishing disc	mm	250
Max processing size	mm	3200*2000*150
Right and left drive systems	ds	servo motor
Front and rear drive systems	ds	servo motor
Control systems	cs	PLC
Each head can be individually controlled: movement speed, mode, pressure, RPM		
Weight	kg	3200
Overall dimension	mm	5800*3100*2300



DFB-LM3700

Gantry Type Single Head Polishing Machine

Technical Data

Name	Unit	DFB-LM3700
Polishing heads	psc	8
Max. processing size	mm	3700*2000*1500
Lifting stroke	mm	1000
Main motor	kw	7
Left and right X-axis planetary reducer	—	1.5kw motor
Front and rear Y-axis gear reducer	—	1.5kw servo motor
Weight	kg	4500
Overall dimensions (L*W*H)	mm	6000*4500*2300



DFL-HSJ450

Kerbstone Special Flaming Machine Technical Specs

Technical Data

Name	Unit	DFL-HSJ450
Side Nozzle	pcs	4
Chamfer Nozzle	pcs	4
Front Nozzle	pcs	8
Bottom Nozzle	pcs	8
Output	m/min	1-3
Main motor power	KW	5
Gas	—	Liquefied petroleum gas
Combustible gas	—	Liquid oxygen/Gaseous oxygen
Side-gas consumption	—	Gas: 7m³/h Oxygen: 20m³/h
Chamfer-gas consumption	—	Gas: 10m³/h Oxygen: 30m³/h
Front-gas consumption	—	
Bottom-gas consumption	—	
Machine dimension(without conveyor)L*W*H	mm	5000*1600*2000
Kerbstone Max. processing sizeL*W*H	mm	1400*450*400
Weight	kg	2000



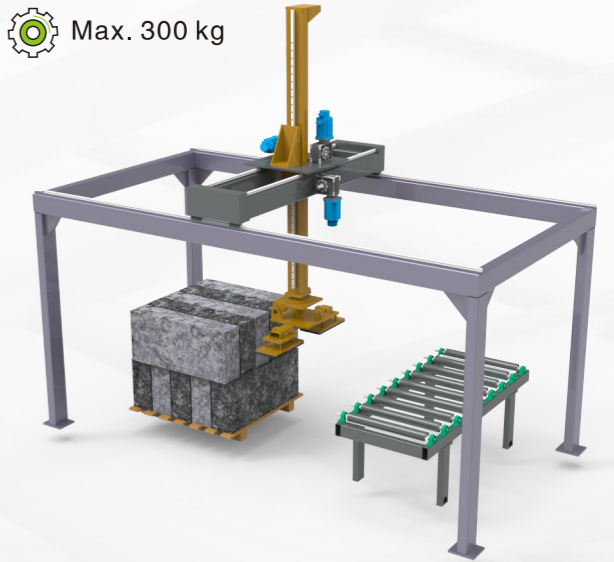
DFL-QX1000

Kerbstone Stacker (Vacumm)

Technical Data

Name	Unit	DFL-QX1000
Overall dimensions (L*W*H)	mm	4500*2200*2400
Maximum working size (L*W*H)	mm	1000*400*300
Transition frame	mm	2500*700*600
Lifting servo motor	kw	1.8
Front and rear servo motor	kw	0.75
The turning method is cylinder driven to turn 90 degrees		

Max. 300 kg



Kerbstone Series

DFL-QJ1000

Kerbstone Stacker (Clamp)

Technical Data

Name	Unit	DFL-QJ1000
Overall dimensions (L*W*H)	mm	4500*2200*2400
Maximum working size (L*W*H)	mm	1000*400*300
Transition frame	mm	2500*700*600
Lifting servo motor	kw	1.8
Front and rear servo motor	kw	0.75
The cornering mode is driven by a servo motor with a power of 0.55KW		

Max. 300 kg



DFL-S3025

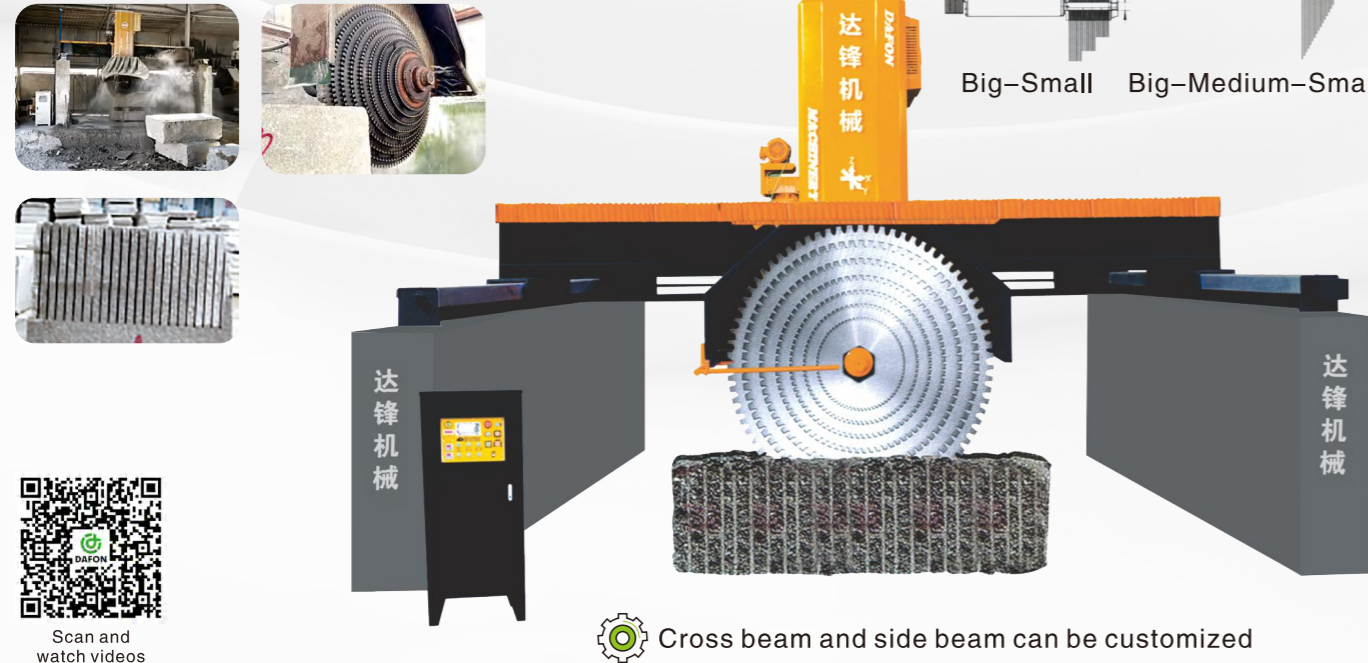
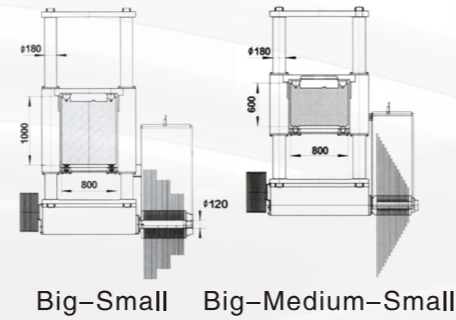
Thick Slab Loading Conveyor Machine

Technical Data

Name	Unit	DFL-S3025
Maximum loading weight	t	25
Maximum flip weight	t	7
Maximum flip size	mm	3000*1700*450
Total power	kw	6
Weight	t	3
Overall dimensions (L*W*H)	mm	5100*3000*2600



DFD-L2500/2800/3000 Stone Block Cutting Machine



Cross beam and side beam can be customized

Product Introduction

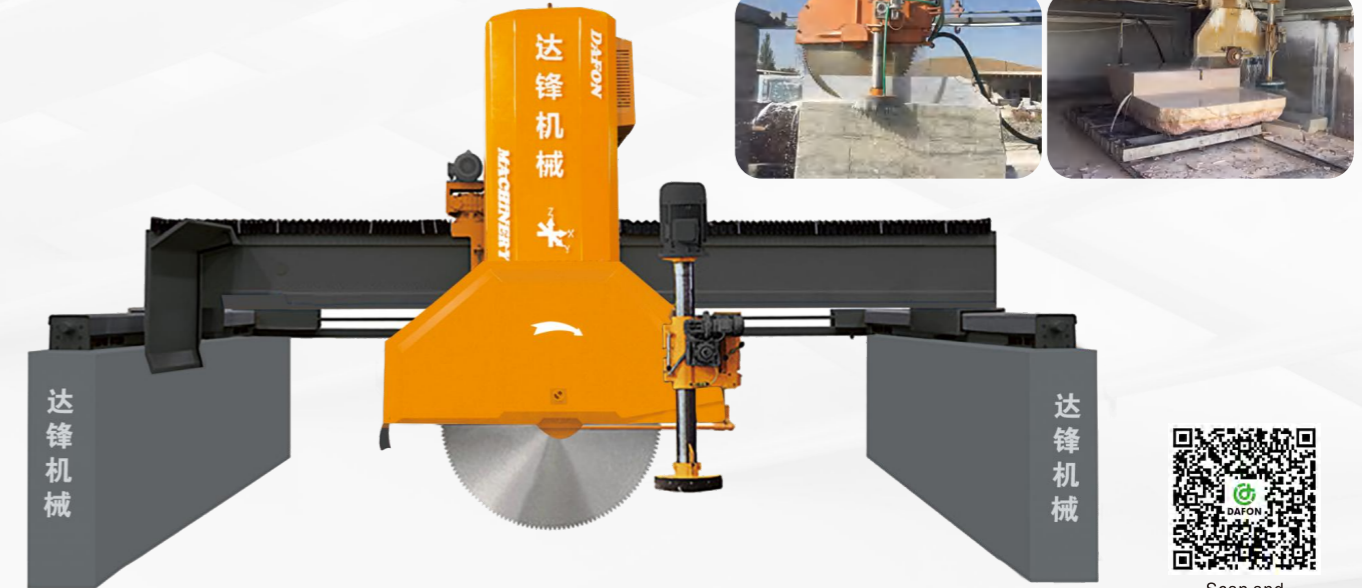
This PLC-controlled slicing machine features a human-machine interface and high-precision encoder. Blade speed is independently adjusted via inverters, while hydraulic lifting and ball screw drive enable fully automatic operation. Designed for high-value granite and marble blocks, it ensures efficient cutting, exceptional flatness, and consistent accuracy.

- **High output:** new tower holder lets 18 - 26 blades work together for max speed.
- **Precision cutting:** one-piece cast frame plus linear rails give smooth, square cuts and flat faces.
- **Energy save:** high-efficiency motor cuts energy use 15 - 20 % for the same output.
- **Reliable Components:** top-brand motors, bearings and hydraulics.

Technical Data

Name	Unit	DFD-L2500	DFD-L2800	DFD-L3000
Diameter of Saw Blade	mm	Φ 1600-2500	Φ 1600-2800	Φ 1600-3000
Main machine lifting stroke	mm	1250	1200	1100
Effective shaft length	mm	510	610	710
Spindle diameter	mm	Φ 100/120	Φ 100/120	Φ 100/120
Front and back stroke	mm	2200	2200	2200
Left and right stroke	mm	5000	5000	5000
Number of saw blades	pcs	1-12	13-18	18
Main motor power	kw	45	55	75
Weight	kg	12500	14000	15500
Overall dimensions (L*W*H)	mm	8000*4500*6500	8000*4500*6500	8000*4500*6500

DFD-S1600/1800/2000 Bridge Block Cutter with Horizontal Cut



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产品介绍

Product Introduction

This bridge saw with a swing-arm horizontal blade combines the functions of a traditional combination saw and cross-cutting machine, eliminating manual slab handling. The hydraulic-fed horizontal blade and guide column lifting system ensure stable and precise operation. Designed for granite and marble, it delivers high efficiency, accuracy, and excellent surface flatness.

- **High Material Utilization:** Automated unloading minimizes slab waste.
- **Precision Cutting:** one-piece cast frame plus linear rails give smooth, square cuts and flat faces.
- **Energy save:** high-efficiency motor cuts energy use 15 - 20 % for the same output.
- **Reliable Components:** top-brand motors, bearings and hydraulics.

Technical Data

Name	Unit	DFD-S1600	DFD-S1800	DFD-S2000
Maximum blade diameter	mm	Φ 1600	Φ 1800	Φ 2000
Maximum processing length	mm	4000	3800	3600
Maximum processing width	mm	2200	2200	2200
Max.vertical stroke	mm	1350	1350	1350
Max.vertical stroke of main column of horizontal cutting	mm	750	850	950
Saw blade diameter of horizontal cutting	mm	Φ 400	Φ 400	Φ 400
Water consumption	m ³ /h	10	10	10
Cutting motor power	kw	15	15	15
Main motor power	kw	75/90	75/90	75/90
Total power	kw	100/115	100/115	100/115
Weight	kg	13000	13000	13000
Overall dimensions (L*W*H)	mm	8000*4000*3700	8000*4000*3700	8000*4000*3700

DFD-F10/35/45/65

Stone Turnover Machine



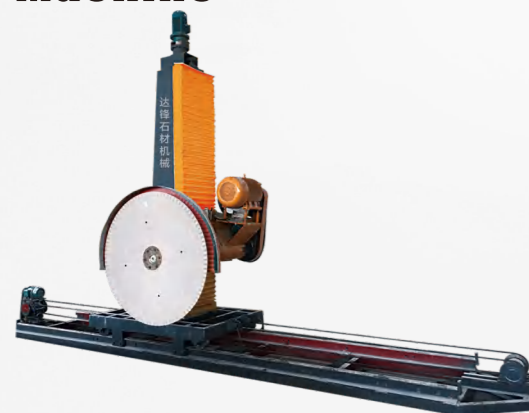
Scan and watch videos

Technical Data

Name	Unit	DFD-F10	DFD-F35	DFD-F45	DFD-F65
Max.block weight	kg	10000	35000	45000	65000
Max.block length	mm	2400	3000	3500	3500
Max.block width	mm	1500	1800	2000	2000
Max.block height	mm	1600	2000	2000	2000
Turning degree	n°	0-90	0-90	0-90	0-90
Main motor power	kw	1.5	3	4	7.5
Weight	kg	1500	3200	3500	3800
Overall dimensions (L*W*H)	mm	2390*1700*1870	2900*1750*2123	2975*1800*2300	3050*1850*2300

DFD-X1200

Block Edge Cutting Machine



Technical Data

Name	Unit	DFD-X1200
Main saw blade diameter	mm	Φ 1200
Water consumption	m ³ /h	4
Main motor power	kw	22
Weight	kg	5000
Overall dimensions (L*W*H)	mm	7000*2000*4000

DFQ-B500

Slab Surface Cutter



Before processing: uneven surface



After processing: smooth surface



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Product Introduction

This machine is designed for horizontal cutting and leveling of leftover slabs from block processing, enabling waste reuse and material saving. It processes various stones including marble, granite, and limestone to meet diverse customer needs.

- **Sturdy Construction:** Heavy cast structure ensures stability under high load.
- **High Precision:** Advanced cutting technology and diamond blades guarantee accuracy.
- **Easy Operation:** PLC and user-friendly interface enable quick startup.
- **Easy Maintenance:** Modular design allows fast part replacement and reduced downtime.

Technical Data

Name	Unit	DFQ-B500
Maximum processing size(L*W*H)	mm	3000*2000*300
Up and down range	mm	300
Blade diameter	mm	Φ 450-500
Total power	kw	35
Main motor power	kw	30
Max. cutting depth	mm	120
Water consumption	m ³ /h	5
Weight	kg	6100
Overall dimensions (L*W*H)	mm	3500*5800*2800

DFQ-H450/600/800 Bridge Cutter Machine



Jib Crane Granite Blade Marble Blade



Scan and watch videos



DFQ-Z1200/1400 Bridge Cutter Machine



Jib Crane



Scan and watch videos



Product Introduction

PLC Control & Laser Guidance: Features user-friendly PLC and HMI interface for easy operation without specialized skills. Laser alignment ensures precise straight-line cutting of granite, marble, slabs, and tiles.

- **High Precision:** Microcomputer control and laser alignment guarantee accurate cutting and product quality.
- **Stable Performance:** Rigid integrated casting minimizes deformation and material waste.
- **Reliable Components:** Combines domestic motors with imported electronics for high performance.
- **Flexible Operation:** Worktable rotates 90°/360° and tilts 0 - 85° for versatile processing.

Technical Data

Name	Unit	DFQ-H450	DFQ-H600	DFQ-H800
Blade diameter	mm	Φ 300-450	Φ 300-600	Φ 450-800
Lifting range	mm	230	410	530
Worktable dimension(L*W*H)	mm	3200*2000*720	3200*2000*720	3200*2000*720
Worktable tilting degree	n°	0-85	0-85	0-85
Worktable rotating degree	n°	0-90 or 360	0-90 or 360	0-90 or 360
Maximum cutting thickness	mm	100	150	250
Water consumption	m³/h	4	4	4
Main motor power	kw	15	18.5	22
Total power	kw	20.9	24.4	28
Weight	kg	8500	9000	9650
Overall dimensions (L*W*H)	mm	4700*5800*2300	4700*5800*3400	4700*5800*3800

Product Introduction

This bridge-style cutting machine features oil-immersed sealed guide rails on main and side beams for durability. Powered by a brand motor and a 90° rotating table, it ensures flexible positioning and strong rigidity, offering smooth operation and high productivity for granite, tombstones, and kerbstones.

- **High Precision:** Microcomputer control with laser blade alignment for accurate cutting.
- **Stable Performance:** High-power cutting motor ensures smooth and reliable operation.
- **Durable Structure:** High-precision linear guides and laser probes enhance cutting stability.
- **Flexible Use:** Worktable allows 90° rotation for versatile processing.

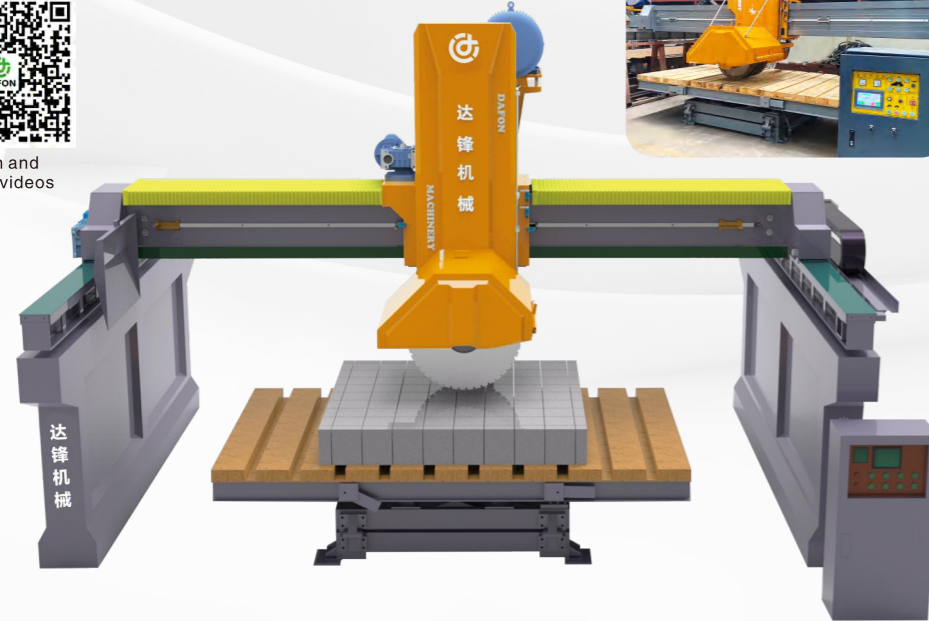
Technical Data

名称	Name	Unit	DFQ-Z1200	DFQ-Z1400 (Heavy duty type)
锯片直径	Blade diameter	mm	Φ 900-1200	Φ 1000-1400
垂直升降行程	Lifting range	mm	850	1000
工作台尺寸 (长*宽*高)	Worktable dimension(L*W*H)	mm	3000*2000*650	3000*2000*800
工作台旋转角度	Worktable rotating degree	n°	0-90	0-90
最大切割厚度	Maximum cutting thickness	mm	450	550
耗水量	Water consumption	m³/h	4	5
主电机功率	Main motor power	kw	22	30
总功率	Total power	kw	28	37
整机重量	Weight	kg	11000	7000 (Without foundation)
机械尺寸 (长*宽*高)	Overall dimensions (L*W*H)	mm	4700*5800*3400	4700*6250*4900

DFQ-Q600/800 Multi-blade Bridge Cutter



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Double Heads Multi-blade Bridge Cutter

Product Introduction

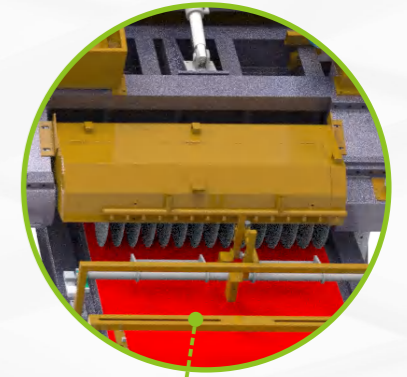
This upgraded bridge cutter uses PLC control to operate up to seven 800mm blades simultaneously. Its 90° rotating trolley streamlines the cutting process, while the cast beam and powerful motors ensure smooth, efficient operation—ideal for paving stones, kerbstones, and cobblestones.

- **High Output:** Cuts with 7 × Φ800mm blades at once.
- **Precision Cutting:** Laser-guided with microcomputer control.
- **Stable Performance:** Heavy-duty beam, powerful motors, and weighted table ensure reliable operation.

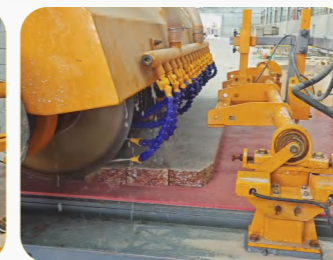
Technical Data

Name	Unit	DFQ-Q600	DFQ-Q800
Blade diameter	mm	Φ600	Φ800
Maximum number of saw blades	pcs	7	7
Up and down range	mm	550	550
Worktable dimension(L*W*H)	mm	3200*2000*720	3200*2000*720
Worktable tilting degree	n°	0~85	0~85
Worktable rotating degree	n°	0~90	0~90
Maximum cutting thickness	mm	150	250
Water consumption	m³/h	8	8
Effective spindle length	mm	600	600
Spindle diameter	mm	Φ100	Φ100
Main motor power	kw	37	37
Total power	kw	44	44
Weight	kg	12500	12500
Overall dimensions (L*W*H)	mm	6300*4700*3800	6300*4700*3800

DFQ-LSX600 Paving stone Intelligent Processing Line



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Product Introduction

This production line consists of a splitting machine and transfer frame, utilizing PLC control for simultaneous multi-blade cutting. This streamlines the cutting process, enhances production efficiency, and ensures smoother, more efficient multi-blade cutting through its heavy-duty frame and high-power motor. It achieves one-step cutting of small square paving stones.

Technical Data

Name	Unit	DFQ-LSX600
Feed dimensions	mm	650*3000*150 (Customizable to meet customer requirements)
Minimum finished part size	mm	100*100*30
Saw blade diameter	mm	Φ450-600
Main motor power	kw	22kw+55kw+75kw
Total power	kw	165
Weight	t	32
Overall dimensions (L*W*H)	mm	23000*12000*4600

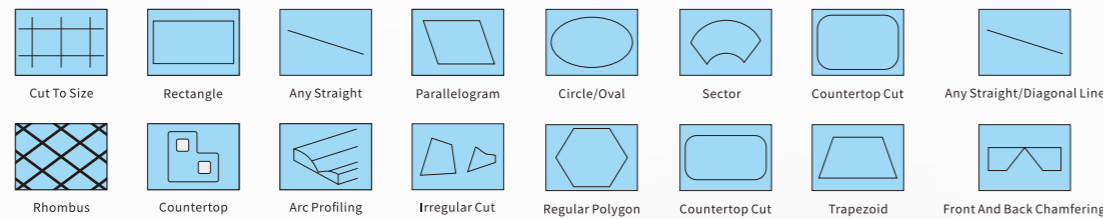
DFQ-F350/F600 4 Axis Bridge Cutter



Cuttability Graphics



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Product Introduction

This equipment features an integrated body for easy installation and mobility. Its cast beam, variable-frequency drive, and voltage stabilizer ensure smooth speed control and protect precision electronics. Guided by linear rails on X, Y, Z axes, it delivers smooth operation for stone finishing, chamfering, splicing, and panel cutting.

Technical Data

Name	Unit	DFQ-S350A	DFQ-F350	DFQ-F600
Blade diameter	mm	Φ 300~400	Φ 250~350	Φ 625
Maximum processing size(L*W*H)	mm	3200*2000*80	3200*2000*50	3200*2000*180
Worktable dimension(L*W)	mm	3200*2000	3200*2000	3200*2000
Blade rotating degree	n°	0 / 90	0~360	0~360
Blade max chamfering size	n°	0 / 45	0~45	0~45
Worktable tilting degree	n°	0~85	0~85	0~85
Worktable rotation angle	n°	Optional	Optional	Optional
Water consumption	m³/h	3	3	3
Main motor power	kw	15	15	18.5
Total power	kw	20.2	23.4	28.9
Weight	kg	3500	3700	4000
Overall dimensions (L*W*H)	mm	5000*3000*2700	5000*3120*2700	5500*3150*3430

DFQ-(4+1)350/ DFQ-FG(4+1)350 4+1 Axis Bridge Cutter



Scan and watch videos

Product Introduction

This four-axis cutting machine with an integrated milling cutter is designed for drilling and cutting countertop slabs including granite, marble, and quartz stone.

- **Easy Operation:** PLC or optional CNC system with intuitive interface.
- **High Precision:** P6-grade linear guide rails and beveled gears ensure accurate cutting.
- **Energy Efficient:** Saves 15–20% in energy with high-efficiency motors.
- **Stable & Flexible:** Robust cast construction with rotatable/tilting head; uses top-grade components.

Technical Data

Name	Unit	DFQ-F(4+1)350	DFQ-FG(4+1)350(Cast Iron)
Blade diameter	mm	Φ 250~350	Φ 300~450
Maximum processing size(L*W*H)	mm	3200*2000*50	3200/3500*2000*100
Worktable dimension(L*W)	mm	3200*2000	3200/3500*2000
Blade rotating degree	n°	0~360	0~360
Blade max chamfering size	n°	0~45	0~45
Worktable tilting degree	n°	0~85	0~85
Worktable rotation angle	n°	Optional	Optional
Water consumption	m³/h	3.5	4
Main motor power	kw	15	18.5
Engraving spindle power	kw	5.5	5.5
Total power	kw	28.9	32.4
Weight	kg	3700	4200
Overall dimensions (L*W*H)	mm	5000*3150*2700	5600/5900*3360*2860

DFQ-W(5+3)450/600

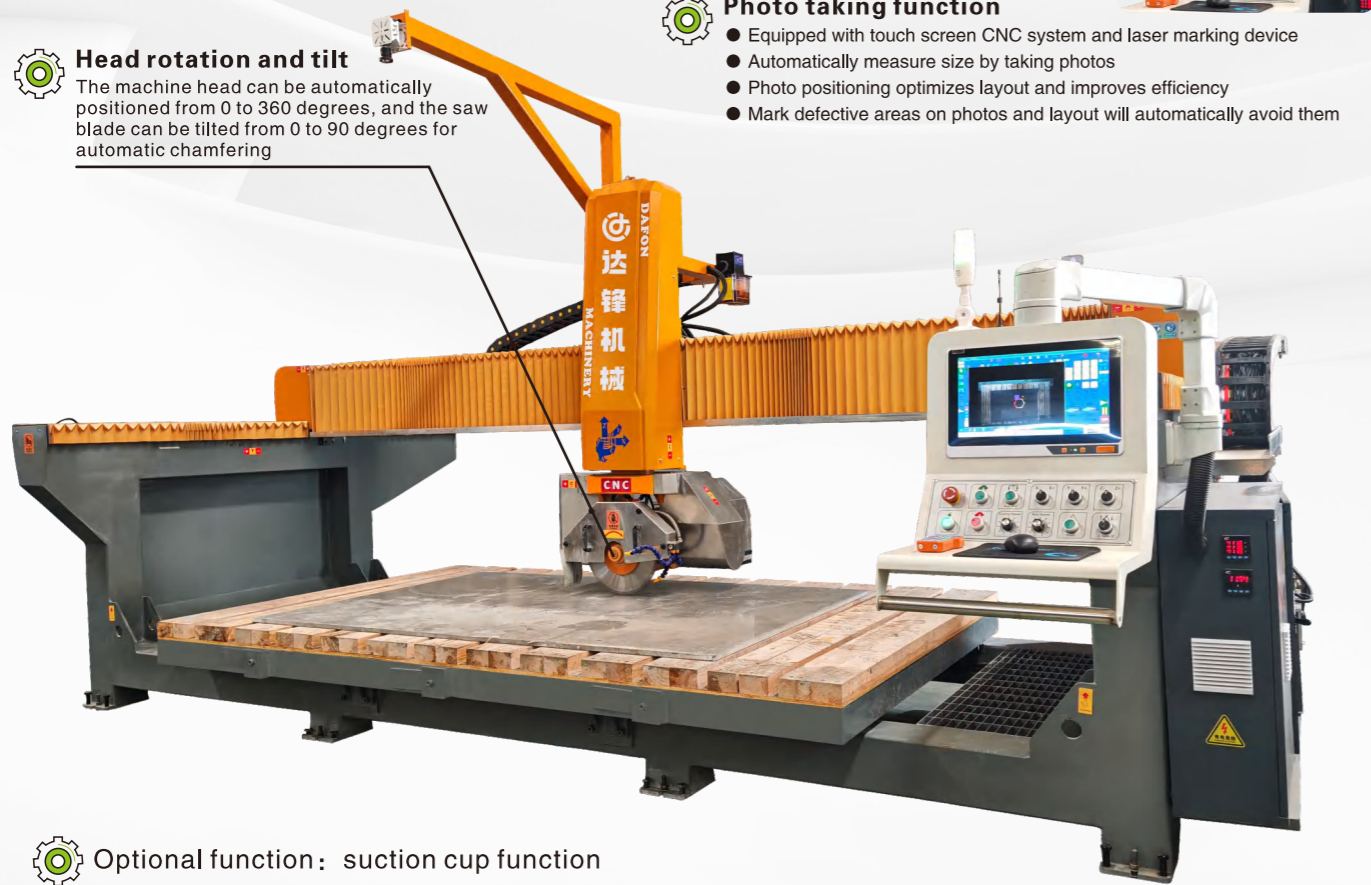
5 + 3 Axis Bridge Cutter

Head rotation and tilt

The machine head can be automatically positioned from 0 to 360 degrees, and the saw blade can be tilted from 0 to 90 degrees for automatic chamfering

Photo taking function

- Equipped with touch screen CNC system and laser marking device
- Automatically measure size by taking photos
- Photo positioning optimizes layout and improves efficiency
- Mark defective areas on photos and layout will automatically avoid them



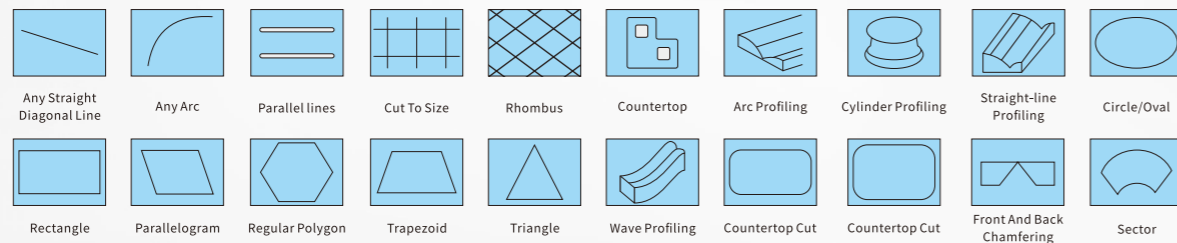
Optional function: suction cup function



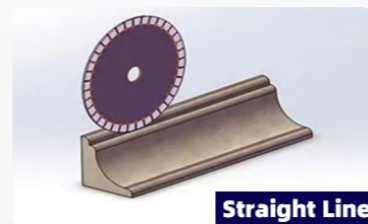
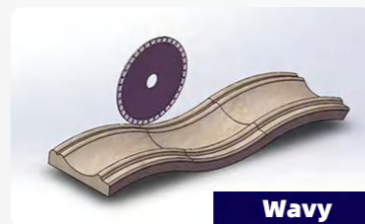
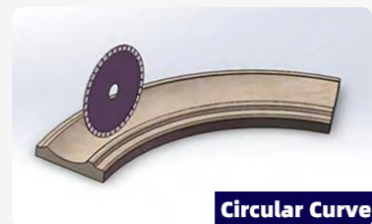
Milling cutter

Milling of holes, any shape of lines, scalloped panels, washbasins and shaped edge moulding are possible.

Cutable Graphics



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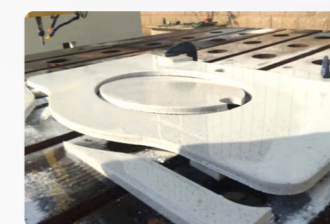
Product Introduction

This five-axis CNC machining center enables complex shaped surface processing through integrated milling, cutting, drilling, and engraving. Designed for high-value, large-format granite, marble, and stone slabs, it combines high efficiency, precision, and stability with user-friendly operation.

- **High Precision:** All-steel frame and linear guide motion ensure cutting accuracy.
- **Easy Operation:** Supports CAD file import, simulation, and on-the-fly parameter adjustment.
- **Enhanced Flexibility:** Servo-driven spindle swings 0 - 90° and tilts 0 - 85°.
- **Complex 3D Capability:** Enables more varied stone graphics and 3D cutting than 4-axis machines.

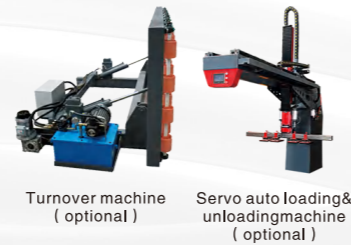
Technical Data

Name	Unit	DFQ-W(5+3)450	DFQ-W(5+3)600
Blade diameter	mm	Φ350-450	Φ450-600
Worktable size (L*W*H)	mm	3500*2000	3500*2000
Worktable tilt angle	n°	0-85°	0-85°
Blade rotating degree	n°	0-90-180-360°	0-90-180-360°
Suction cup suction force	kgs	120	120
Main motor power	kw	15	18.5
Gross power	kw	32	35
Weight	kg	4000	4500
Dimension (L*W*H)	mm	5800*3200*2800	5800*3200*3000



DFB-H8/12/16/20/24

Granite Polishing Machine Line



Turnover machine (optional)

Servo auto loading & unloading machine (optional)



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Single saw edge cutting machine (optional)



Beam stroke 10-250mm (optional)



Side beam stroke 20-800mm (optional)



Grinding head



Product Introduction

This automated polishing equipment delivers high efficiency, low abrasive cost, and easy operation, ideal for high-volume stone processing.

- **Easy Operation:** PLC control with interactive interface for automated parameter setting.
- **High Efficiency:** Continuous processing with automatic stone feeding and discharging.
- **Precision Finish:** High-accuracy polishing heads and discs ensure surface flatness and smoothness.

Technical Data

Name	Unit	DFB-H8	DFB-H12	DFB-H16	DFB-H20	DFB-H24
Number of heads	pcs	8	12	16	20	24
Grinding/Polishing disc dia	mm	200	200	200	200	200
Max. width size	mm	1250(customized)	1250(customized)	1250(customized)	1250(customized)	1250(customized)
Beam swing speed	m/mim	3~35	3~35	3~35	3~35	3~35
Main motor power	kw	6*7.5kw+2*9kw	9*7.5kw+3*9kw	12*7.5kw+4*9kw	16*7.5kw+4*9kw	19*7.5kw+5*9kw
Beam motor power	kw	4kw	4kw	2*3kw	2*3kw	2*4kw
Belt feeding speed	m/mim	0.5~4	0.5~4	0.5~4	0.5~4	0.5~4
Belt motor power	kw	2.2	2.2	3	3	4
Total power	kw	76.7	100.7	135	165	199.5
Air pressure	mpa	≥0.7	≥0.7	≥0.7	≥0.7	≥0.7
Water pressure	mpa	0.1~0.15	0.1~0.15	0.1~0.15	0.1~0.15	0.1~0.15
Water consumption	m³/h	≥10	≥15	≥20	≥25	≥30
Overall dimensions (L*W*H)	mm	5560*2300*2300	6340*2350*2200	7460*2350*2200	8580*2350*2200	9700*2350*2200

DFB-B8/10/12/16

Automatic Granite and Marble Polishing Line Machine



Frankfurt Head for Marble

Abrasive for Granite

Fickert Head for Granite

Abrasive for Marble



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Product Introduction

This polishing machine utilizes an advanced domestic design with automated control, featuring an optional six-claw pendulum grinding head and marble grinding disc. Built to standardized specifications, it ensures stable performance, high output, and a low failure rate—delivering a high-gloss, oily finish ideal for continuous grinding and polishing of high-value granite and marble slabs.

- **Easy Operation:** PLC with interactive interface, fault alerts, and abrasive monitoring.
- **Stable Performance:** High-grade castings and international electrical & bearing components.
- **Flexible Control:** Frequency converter adjusts belt speed, beam traverse, and grinding pressure/width.
- **Automatic Recognition:** Detects slab shape and auto-adjusts each grinding head with tracking capability.

Technical Data

Name	Unit	DFB-B8	DFB-B10	DFB-B12	DFB-B16
Number of heads	pcs	8	10	12	16
Grinding/Polishing disks dia	mm	480	480	480	480
Max. width size	mm	2100	2100	2100	2100
Beam swing speed	m/mim	3~35	3~35	3~35	3~35
Main motor power	kw	8*15kw	10*15kw	12*15kw	16*15kw
Beam motor power	kw	2*2.2kw	2*3kw	2*3kw	2*4kw
Belt feeding speed	m/mim	0.5~4	0.5~4	0.5~4	0.5~4
Belt motor power	kw	2.2	3	3	4
Total power	kw	126.6	159	189	252
Air pressure	mpa	≥0.7	≥0.7	≥0.7	≥0.7
Water pressure	mpa	0.1~0.15	0.1~0.15	0.1~0.15	0.1~0.15
Water consumption	m³/h	≥15	≥20	≥25	≥30
Overall dimensions (L*W*H)	mm	7355*3680*2510	8435*3680*2510	9515*3680*2510	11675*3680*2510

DFB-Y600/800/1000/1250(2T/4T/6T)

Multi-disc Calibration Machine



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Product Introduction

This equipment effectively removes blade marks and prevents wave patterns on slab surfaces, ensuring high flatness and uniform thickness. Ideal for stone slab calibration, it can be integrated with automatic polishing machines for production line operation.

Technical Data

Name	Unit	DFB-Y1250 (2T)	DFB-Y1250 (4T)	DFB-Y1250 (6T)
Calibrating heads	No.	2	4	6
Processing width	mm	300~1250	300~1250	300~1250
Processing thickness	mm	10~50	10~50	10~50
Grinding head motor power	kw	22/30	22/30	22/30
Water consumption	L/min	150	160	180
Weight	kg	6800	12000	18000
Overall dimensions (L*W*H)	mm	4500*2300*2200	8580*2300*2200	11580*3530*2200

DFB-L6/8/10

Automatic Bush Hammer Machine



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Product Introduction

This fully automated lychee pattern machine replicates grinding principles to deliver efficient surface treatment. It ensures high productivity, easy operation, optimal slab utilization, and labor savings.

- **Easy Operation:** PLC and touchscreen for simple parameter setup.
- **Flexible Adjustment:** Pneumatic grinding head with adjustable pressure and variable traverse speed.
- **Auto Thickness Recognition:** Automatically adapts to slab thickness for uniform depth and finish.
- **High Utilization:** Safe processing minimizes breakage and maximizes slab usage.

Technical Data

Name	Unit	DFB-L6	DFB-L8	DFB-L10
Number of heads	pcs	6	8	10
Max. processing width	mm	1250(customized)	1250(customized)	1250(customized)
Beam swing speed	m/min	3~35	3~35	3~35
Main motor power	kw	6*7.5kw	8*7.5kw	10*7.5kw
Beam motor power	kw	3	3	3
Belt feeding speed	m/min	0.5~4	0.5~4	0.5~4
Belt motor power	kw	2.2	2.2	2.2
Total power	kw	48.7	63.7	78.7
Air pressure	mpa	≥0.7	≥0.7	≥0.7
Water pressure	mpa	0.1~0.15	0.1~0.15	0.1~0.15
Water consumption	m³/min	≥8	≥8	≥8
Overall dimensions (L*W*H)	mm	3400*2300*2000	3900*2300*2000	4500*2300*2000

DFQ-SY600

Manual Edge Cutting Machine



Technical Data

Name	Unit	DFQ-SY600
Maximum blade diameter	mm	Φ600
Maximum lifting stroke	mm	350
Worktable dimension(L*W)	mm	3000*750
Maximum processing size(L*W)	mm	2700*1100/1200
Water consumption	m ³ /h	1.8
Main motor power	kw	15/18.5
Total power	kw	16/20
Weight	kg	2800
Overall dimensions (L*W*H)	mm	5500*2200*2250

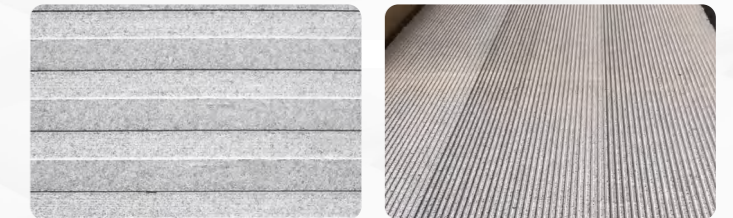
DFB-M600

Slab Surface Line Cutting Machine



Technical Data

Name	Unit	DFB-M600
Max.working size (L*W*H)	mm	1200*600*70
Blade diameter	mm	Φ200-250
Main motor power	kw	15
Max.cutting depth	mm	7
Weight	kg	1800



DFB-S800

Automatic Slab Flaming Machine



DFW-100

Remote Control Transfer Car



Technical Data

Name	Unit	DFB-S800
Nozzle No.	mm	16
Working width	mm	600-850
Working height	mm	15-120
Work speed	m ² /h	120-150
Gas consumption	kg/m ²	0.125
Liquid oxygen	kg/m ²	0.5
Combustion gas	—	LPG / Propylene
Combustion-supporting gas	—	Liquid oxygen Gaseous oxygen
Suction plate weight	kg	400
Suckers size	mm	300
Suckers number	pcs	4
Weight	kg	2500
Overall dimensions (L*W*H)	mm	9000*1800*2000

DFB-SF2500/3000

Manual Polishing Machine



Technical Data

Name	Unit	DFB-SF2500	DFB-SF3000
Max. spindle lifting stroke	mm	800	800
Maximum lifting stroke	mm	470	470
Main motor power	kw	5.5	5.5
Total power	kw	6.1	6.1
Weight	kg	850	900
Overall dimensions (L*W*H)	mm	3200*1650*1800	3800*1650*1800

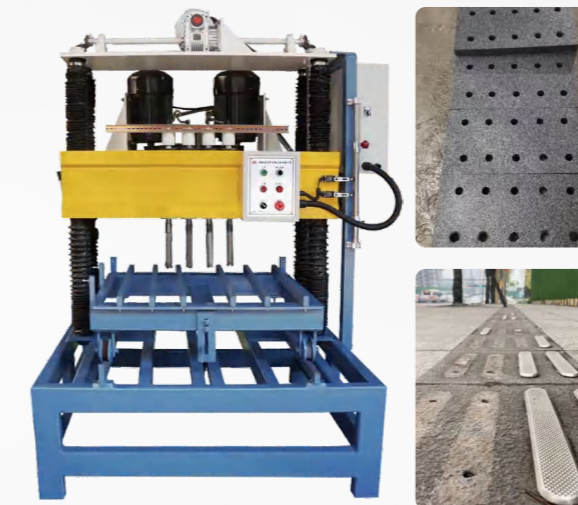


Technical Data

Name	Unit	DFB-DX2400
Max. size(L*W)	mm	2400*800
Min. size(W)	mm	400*400
Working thickness	mm	10-50
Max.weight	kg	300
Suckers size(L*W)	mm	300*200
No. of suckers	pcs	6
Suckers shaft length	mm	1800
Front / Back range	mm	2500
Lifting stroke	mm	1300
Lifting speed	piece/min	2
Vacuum pump specifications	m ³ /h	25
Lubrication system	—	Hand pressure fuel pump
Transmission method	—	Roller +Chain transmission
Roller table size(L*W)	mm	2500*1200
Total power	kw	3
Air source	mpc	0.8
Pressure	m ² /min	0.8
Voltage	—	380V 50HZ

DFB-MZ1800

Drilling Machine



Technical Data

Name	Unit	DFB-MZ1800
Overall dimensions (L*W*H)	mm	1600*1300*2150
Worktable dimension(L*W)	mm	900*700
Lifting range	mm	2800
The motor power	kw	5.5*2
Voltage	v	380
Speed	r/min	1800

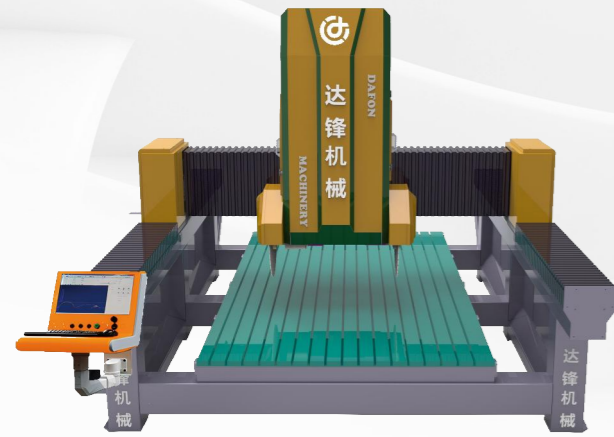
DFB-DX2400

Automatic Loader And Unloader (Vacumm)



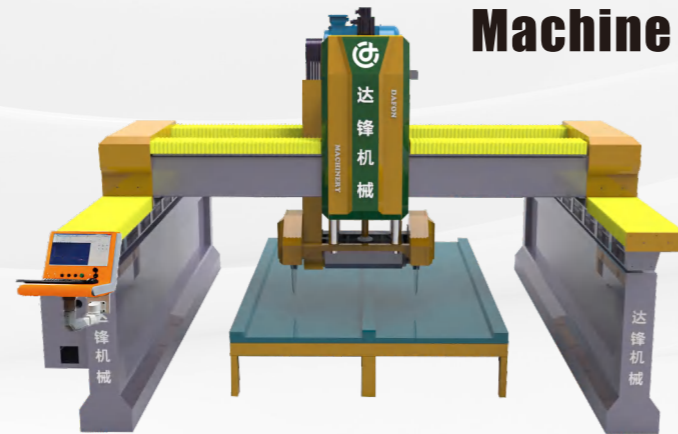
DFY-YF88320

CNC Profiling Machine



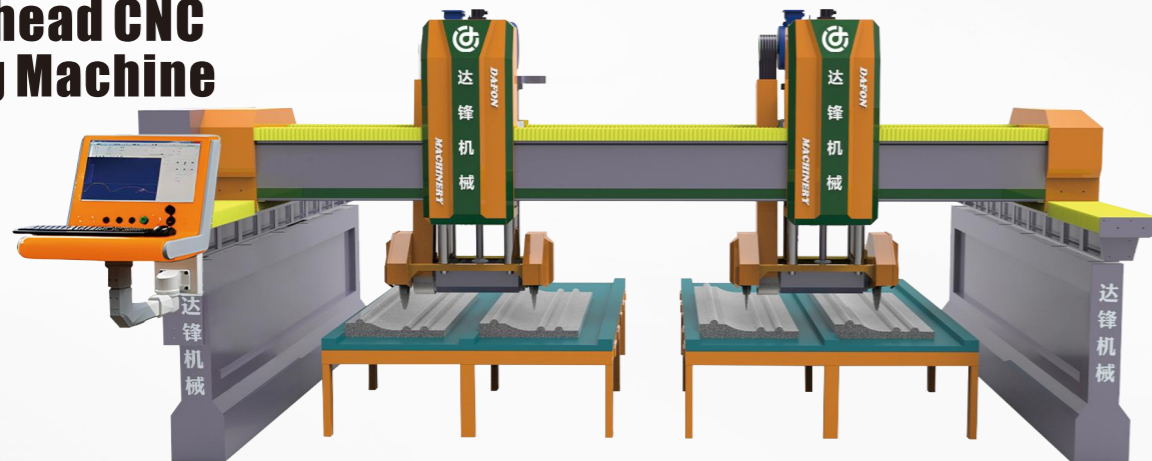
DFY-SF95320

BridgeType Double Beams CNC Profiling Machine



DFY-TF95320

Double-head CNC Profiling Machine



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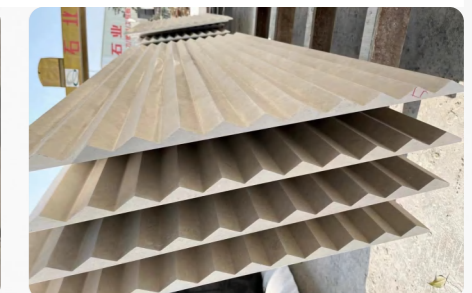
Product Introduction


This CNC cutting machine features a rigid body and beam constructed from thick high-strength steel, precision-machined for stability and minimal deformation. Controlled via a user-friendly CNC interface, it is ideal for profile cutting of marble and granite, including moldings, Roman columns, and large arc slabs.

- **Easy & Remote Operation:** One-button speed control with CAM software compatibility; supports remote drawing import and online editing.
- **Power Failure Protection:** Industrial control system with power-off memory and breakpoint recovery.
- **High Precision & Stability:** Heat-resistant servo motors ensure fast, precise, vibration-resistant operation. High-speed electric spindle and Taiwan-made screws/slides ensure smooth high-speed performance.
- **Energy Efficient:** High-performance vector inverter enables smooth operation with low power consumption.

Technical Data

Name	Unit	DFY-YF88320	DFY-SF95320	DFY-TF95320
Total power	kw	26	30	58
Main motor power	kw	18.5	22	22*2
Number of saw blades	pcs	2	2	4
Blade diameter	mm	Φ350-600	Φ350-600	Φ350-600
Distance between saw blades	mm	880	950	950
Worktable size	mm	1800*3300	2000*3300	2000*3300
Worktable height	mm	450	460	460
Maximum cutting depth	mm	50mm (Blade Diameter350mm) 170mm (Blade Diameter600mm)		
Maximum stroke	mm	X-axis: 1000 Y-axis: 3450 Z-axis: 500	X-axis: 1400 Y-axis: 3350 Z-axis: 500	X-axis: 1400 Y-axis: 3350 Z-axis: 500
Maximum processing size (L*W*H)	mm	Hanging double saw blades 350mm: 3200*800*460 Hanging Single Saw Blade 350mm: 3200*900*460 Hanging double saw blades 600mm: 3200*800*340 Hanging Single Saw Blade 600mm: 3200*900*340	Hanging double saw blades 350mm: 3200*900*550 Hanging Single Saw Blade 350mm: 3200*1150*550 Hanging double saw blades 600mm: 3200*900*420 Hanging Single Saw Blade 600mm: 3200*1150*420	Hanging double saw blades 350mm: 3200*900*570 Hanging Single Saw Blade 350mm: 3200*1150*570 Hanging double saw blades 600mm: 3200*900*450 Hanging Single Saw Blade 600mm: 3200*1150*450
Water consumption	m ³ /h	4	4	8
Transition system	ds	Y-axis 4-track X-axis 3-track Z-axis 4 track	Y-axis 4 rails X-axis 2 rails + guide Z-axis 4 guide columns	Y-axis 4 rails X-axis 2 rails + guide Z-axis 4 guide columns
Lubrication system	ois	XY-oil-based	XY-oil-based	XY-oil-based
Run command (computing)	ri	G-code	G-code	G-code
Processing progress	mm	± 0.05	± 0.05	± 0.05
Overall dimensions (L*W*H)	mm	4800*3200*2770	5400*4070*3180	5400*6150*3180
Weight	t	6.5	8	9.5



 **线条加工，一次成型，避免手工干抛，加工效率高于普通仿型效率。**
Line processing, one-time moulding, avoiding manual dry throwing, processing efficiency is higher than the ordinary profiling efficiency.

DFY-CS2000/2500/3000

CNC Wire Saw Machine



Optional working table



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Product Introduction

This CNC four-axis machining center processes complex profiles—including rounds, columns, characters, and Roman styles—in marble and granite with high precision and quality.



Technical Data

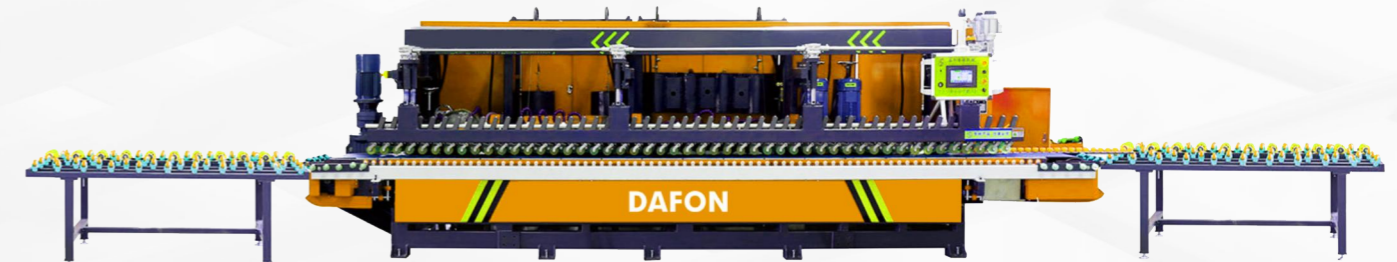
Name	Unit	DFY-CS2000	DFY-CS2500	DFY-CS3000
Processable size (L*W*H)	mm	3000*2000*1500	3000*2500*1500	3000*3000*1500
Worktable dimension(L*W)	mm	2500*1300	2500*1300	2500*1300
Main motor power	kw	7.5	7.5	7.5
Total power	kw	11	11	11
Water consumption	m³/h	4	4	4
Weight	kg	5000	5500	6000
Overall dimensions (L*W*H)	mm	6500*6300*3800	7000*6300*3800	7500*6300*3800

DFY-MB3015A

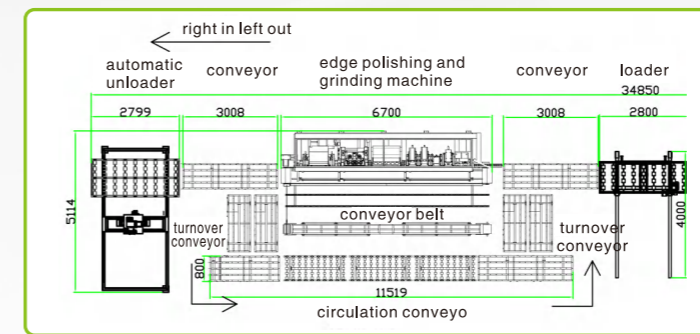
CNC Horizontal Multifunctional Edge Grinding Machine



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2m input and output conveyor on both sides



Product Introduction

This CNC polishing machine features a touch screen, pneumatic belt compensation, variable frequency speed control, and memory function. It supports continuous or intermittent feeding and combines manual and automatic operation modes. Utilizing water-cooled belt polishing, it prevents burning during thick slab processing and handles various materials including rock panels, quartz stone, and granite.

The machine completes multiple edge profiles—including 1/4 circle, 1/2 circle, R-shape, Haitang angle and chamfered edges—in a single pass, with multi-angle back tilting to avoid residue. It allows reserved dimension setting and integrates rough grinding, fine grinding, and polishing in one cycle, delivering a finish brighter than the original slab surface.

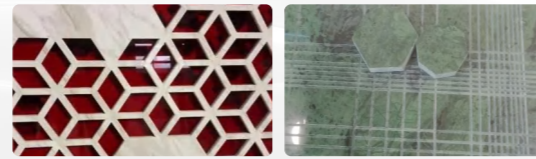
With a maximum processing speed of 4 m/min, it achieves the output of 15 manual workers while ensuring consistent quality. An automatic flipping function is also provided for material handling.

Technical Data

Name	Unit	DFY-MB3015A
Feed output speed	m/min	1~3
Number of grinding heads	pcs	15 (Number of grinding heads can be customized)
Grinding disc outer diameter	mm	150~200
Minimum processing width of stone	mm	80
Maximum processing width of stone	mm	3000
Max processing Thickness of Stone	mm	80
Total power	kw	50
Weight	kg	4800
Overall Dimensions (L*W*H)	mm	10300*1900*2000
Host dimensions (L*W*H)	mm	6300*1900*2000

DFY-AC3015/3020/4020

AC 5-axis Waterjet



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Product Introduction

This CNC high-pressure waterjet cutting system comprises a cutting platform, control unit, high-pressure system, and automatic abrasive feeder. It enables precise shape-cutting of stone, tile, glass, and metal, supporting custom graphics through integrated software.

- **Easy Operation:** CNC system enables omnidirectional cutting of any planar curve.
- **High Precision:** Reinforced bed minimizes vibration for smooth high-speed operation.
- **High Efficiency:** Pneumatic high-pressure water switching boosts productivity.
- **Durability:** Oil-mist screw guide lubrication with waterproof/dustproof design extends service life.
- **Anti-Backflow:** Unique sand valve ensures smooth flow and easy maintenance.
- **Easy Cleaning:** Stainless steel cover resists dust, water, rust, and corrosion.

Technical Data

Name	Unit	DFY-AC3015
Scope of processing	mm	3000*1500
Cutting precision	mm	± 0.01
Repeatability	mm	± 0.02
Drive component	SM	servo motor
X-axis no-load running speed	mm/min	0~6000
Y-axis no-load running speed	mm/min	0~6000
Z-axis no-load running speed	mm/min	0~200
A-axis angle	n°	0~10
B-axis angle	n°	0~10
Z-axis travel	mm	150
User interface	OS	Chinese/English can be switched at will
Rated pressure	MPa/Psi	450

DFY-3020T-2D/3D/4D

Engraving Machine



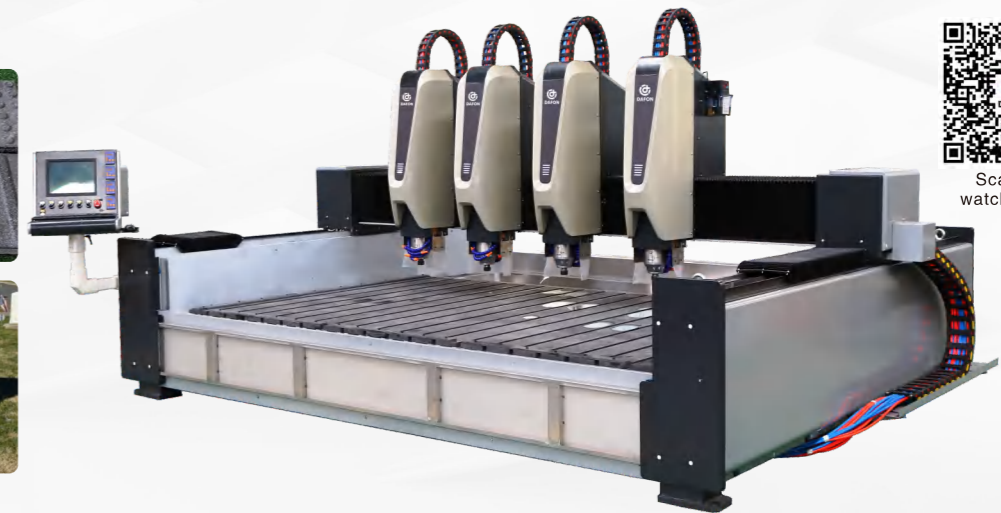
Text carving knife



Pattern carving knife



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Product Introduction

This engraving equipment delivers fast, precise, and stable performance, featuring a power-off resume function for uninterrupted carving. It processes a wide range of materials including granite, marble, gemstones, jade, crystal, monuments, onyx, and metal plates.

- **Good Stability:** Brand-name servo motor and reducer ensure fast, smooth operation.
- **High Precision:** Widened imported linear guides offer high load capacity and accuracy.
- **High Efficiency:** Constant-power spindle motor delivers strong cutting force and productivity.
- **Power Failure Memory:** CNC system supports resume-after-interruption carving.
- **Durable:** Full steel structure with high-strength material resists deformation; load capacity exceeds 4 tonnes.

Technical Data

Name	Unit	DFY-3020T-2D/3D/4D
Worktable size	mm	3000*2000
Workpiece size	mm	1400*1900*2 / 850*1900*3 / 650*1900*4
Feed height	mm	≤400
Air speed	m/min	20
Processing speed	m/min	20
Spindle power	kw	5.5kw~7.5k Water Cooling Spindle (Frequency Conversion)
Spindle speed	rpm/min	6000~24000
Motor	—	AC digital servo motor
Reducer	—	Jz8098
Operating voltage	V	AC220V/50HZ or AC380V/50HZ
Engraving tool	ET	Φ 6/8/10/12/14/16mm
File Format	FF	G code / HPGL
Positioning accuracy	mm	± 0.02
Repeatability	mm	± 0.01
Control system	—	N60A
Weight	kg	3600
Overall dimensions (L*W*H)	mm	4300*3200*2100

DFY-KLS24S

Cobblestone Splitting Machine

Technical Data

Name	Unit	DFY-KLS24S
Power	kw	5.5
Voltage	V	380
Frequency	HZ	50
Flow rate	L	32
Pressure	T	50
Blade feeding speed	cm/s	5
Max processing height	cm	20
Max processing width	cm	20
Output / Hour	m ²	18
Hydraulic oil grade	#	46
Oil tank capacity	kg	78
Weight	t	1
Overall dimensions (L*W*H)	mm	1600*1600*2050



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DFY-KSS85

Stone Splitting Machine



Saw-cut face splitting



Stamping



Mushroom face



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Natural Surface



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DFY-KSD95H

Stone Splitting Machine



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Technical Data

Name	Unit	DFY-KSD95H
Power	kw	11
Voltage	V	380
Frequency	HZ	50
Flow rate	L	63
Pressure	T	80
Blade feeding speed	cm/s	15
Max processing height	cm	30
Max processing width	cm	40
Output / Hour	m ²	70
Hydraulic oil grade	#	46
Oil tank capacity	kg	340
Weight	t	1.6
Overall dimensions (L*W*H)	mm	2000*1000*2150

DFY-Z300

Drilling Machine



Technical Data

Name	Unit	DFY-Z300
Drilling dia	mm	300
Main motor	kw	7
Max. vertical stroke	mm	1000
Water consumption	m ³ /h	3
Weight	kg	1200
Overall dimensions (L*W*H)	mm	1300*800*2500

DFY-KGM4

Natural Stone Tumbling Machine



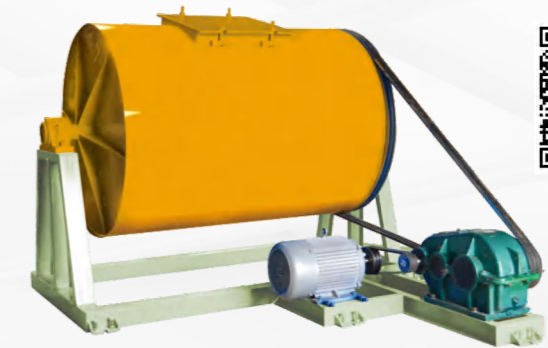
Before tumbling



After tumbling



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Technical Data

Name	Unit	DFY-KGM4
Daily Output	m ³	25
Capacity	m ³	5
Power	kw	11
Operating voltage	—	AC380V/50HZ
Weight	t	5.8
Overall dimensions (L*W*H)	mm	3200*2400*2100

DFY-R22/R45

Thin Stone Veneer Saw



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Technical Data

Name	Unit	DFY-R22	DFY-R45
Load saw blade diameter	mm	800	1000-1200
Blade Speed Standard(adjustable)	rpm	Max.900	Max.780
Max.stone height	mm	0-350	0-450
Max.stone thickness	mm	20-220	20-270
Max.cutting depth	mm	280	350-450
Saw blade adjustable distance(up/down)	mm	0-120	0-250
Saw blade adjustable distance(back/forth)	mm	0-220	0-250
Conveyor belt dimensions (L*W*H)	mm	5970*280*7	6800*400*7
Conveyor belt speed(adjustable)	mm/min	600-2450	600-2450
Water consumption	m ³ /h	3.5	4
Amperage	A	86/43	172/86
Electric power source	—	380V 50HZ	380V 50HZ
Main motor power	kw	30HP (22kw)	60HP (45kw)
Weight	kg	2300	3200
Overall dimensions (L*W*H)	mm	2850*1900*1800	3300*2180*2180



Special Shape Series

DFK-YKZ3600/3800/4200/4800

Quarry Mining Machine



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Product Introduction

This quarry mining machine integrates mechanical, hydraulic, and electrical systems in a compact structure for highly automated and user-friendly operation. Its fully sealed cylindrical guide rail with dedicated lubrication ensures pollution-free operation, extended service life, and reduced maintenance. Designed with a wide chassis and hydraulic lifting for enhanced stability, it is equipped with large-diameter blades to process oversized rocks—improving output and resource utilization. Compared to traditional blasting, disc cutting is safer, eco-friendly, cost-effective, and more efficient.

- **Good Stability:** Cylindrical guide rail, hydraulic lifting, and wide chassis ensure structural integrity and long service life.
- **High Yield:** Super-large blades process oversized rocks, improving output and resource utilization.
- **High Utilization:** Saw-cut surfaces are smoother, significantly reducing material waste.
- **Eco-Friendly & Safe:** Disc cutting is safer, greener, and more cost-efficient than blasting.

Technical Data

Name	Unit	DFK-YKZ3600	DFK-YKZ3800	DFK-YKZ4200	DFK-YKZ4800
Blade diameter	mm	Φ 3600	Φ 3800	Φ 4800	Φ 4800
Cutting width	mm	1360-1960	1500-2100	1950-2550	2600-3200
Max.cutting depth	mm	1550	1650	2150	2150
Main motor power	kw	55	55	65	65
Water consumption	m ³ /h	8	8	8	8
Total power	kw	131.2	131.2	137	137
Overall dimensions (L*W*H)	mm	4080*1560*2600	4280*1700*2700	5210*2100*3370	5210*2760*3370
Weight	kg	8000	8200	11500	13000

Quarry mining machine cutting width, depth, Can be customized according to customer requirements.

DFK-SJ37/45/55/75

Wire Saw Machine



Crawler-type



Diamond Wire



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Product Introduction

The quarry wire saw features PLC control with dual inverters and constant tension technology, automatically adjusting speed to cutting conditions for efficient operation and extended diamond wire life. Equipped with wire break protection and overload shutdown, it ensures safe and reliable performance even in harsh quarry environments.

Technical Data

Name	Unit	DFK-SJ37	DFK-SJ45	DFK-SJ55	DFK-SJ75
Flywheel Diameter	mm	Φ 800	Φ 800	Φ 800	Φ 800
Wire saw speed	m/s	0-33	0-33	0-33	0-33
Max. wire saw length	m	20-60	20-80	20-100	20-120
Walking motor power	kw	0.75kw (1HP)	0.75kw (1HP)	0.75kw (1HP)	0.75kw (1HP)
Lateral moving distance	mm	390	390	500	520
Max. lateral cutting distance	mm	1560	1700	1900	2050
Rotation angle (electric)	n°	360	360	360	360
Walking speed of machine	m/h	0-60	0-60	0-90	0-90
Main motor power	kw	37kw-8P (50HP-8P)	45kw-8P (60HP-8P)	55kw-8P (75HP-8P)	75kw-8P (75HP-8P)
Rail length	m	2*3+1	2*3+1	2*3+1	2*3+1
Weight	kg	2800	3000	3500	4300
Overall dimensions (L*W*H)	mm	2320*1460*1450	2320*1460*1450	2500*1600*1530	2550*1680*1570

Name	Unit	DFK-SJX11	DFK-SJX22
Main motor power	kw	22	22
Wire length	m	10-20	10-30
Rail length	m	1.9	1.9
Work temperture	—	-15° ~ + 40°	-15° ~ + 40°
Wire speed	m/s	0-25.5	0-25.5
Driver diameter	mm	550	550
Weight	kg	370	370
Overall dimensions (L*W*H)	mm	2400*750*650	1900*850*800

LEADING STONE MACHINE MANUFACTURER

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EXHIBITION

Quality Achieves the Future
Service Creates Value

