

# **MOTIMAC**

## **BRUSH SANDING MACHINERY**

*Automation*

A close-up photograph of two industrial brush sanding machines. Each machine features a large, circular brush head with a dense array of yellow and green bristles. The brush heads are mounted on a blue metal frame with a central yellow hub. The machines are positioned side-by-side, and the background is dark and out of focus.

*Innovation*

A close-up photograph of a brush sanding machine head. The brush is mounted on a white circular base and consists of numerous yellow and green bristles. The brush is positioned vertically, and the background is dark and out of focus.

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## FHDR1300

## PROFILED SURFACE SANDER

THE FHDR1300 IS BREAKING THROUGH TRADITIONAL DESIGNS TO IMPROVE THE SANDING PROCESS. SANDING IS NO LONGER A PROBLEM FOR MANUFACTURING FACILITIES; BREAK THAT BOTTLE NECK AND SAVE MONEY IN THE SANDING PROCESS WITH THE FHDR1300.

VALUE / SIMPLICITY / QUALITY

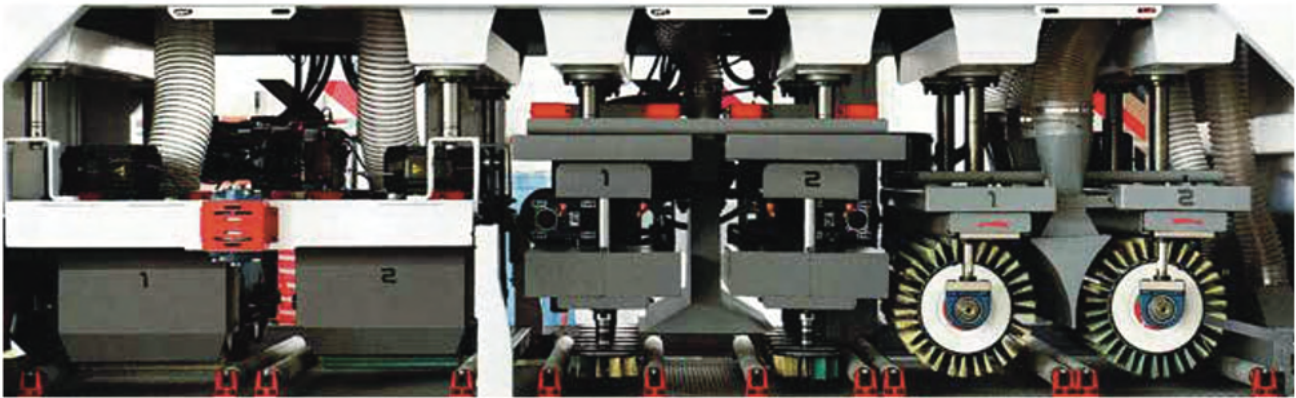




## FHDR1300

## PRODUCT HIGHLIGHTS

- THE RIGHT PRODUCTS TO REDUCE HAND SANDING LABOR COSTS.
- A BLEND OF VERTICAL, CIRCULAR AND HORIZONTAL SANDING, WHICH IS AN EFFECTIVE UTILIZATION OF SPACE.
- WITH A SIEMENS AUTOMATIC CONTROL SYSTEM AND MULTI-TOUCH SCREEN, THE INTERFACE IS AS SIMPLE AS OPERATING A SMART PHONE.
- EACH SANDING SYSTEM WORKS INDEPENDENTLY, ALLOWING FOR DIFFERENT APPLICATIONS. FROM RAW WOOD TO SEALER SANDING, TO METAL DEBURRING AND POLISHING, THE FHDR1300 IS THE RIGHT CHOICE FOR ALL YOUR SANDING NEEDS.



### TECHNICAL SPECIFICATION

### FHDR1300

Max. Working Width	51 in.
Min. Working Piece	18 in.
Working Thickness	.11 - 4.5 in.
Total Motor Power	20 kw
Feeding Speed	10 - 56 ft./min
Working Air Pressure	0.6 MPa
Air Consumption	0.1 m <sup>3</sup> /h
Volume of Dust Collection	15000 m <sup>3</sup> /h
Overall Dimension	183 in. x 88 in. x 84 in.
Net Weight	12,702 lbs.
Power	460v 3 Phase <i>*Other power options available</i>

## FH/FD/1300N

### FLEXIBLE SURFACE SANDER LINE



- EXCELLENT STRUCTURAL DESIGN
- A HIGHER CALIBER CONFIGURATION IMPROVES EFFICIENCY, ALL WHILE ACHIEVING THE PERFECT SURFACE FINISHING
- FLEXIBLE, GROUND-BREAKING, COMPACT, CUSTOMIZIBLE BRUSH MACHINE



## FD/FR1300N

### FLEXIBLE SURFACE SANDER LINE

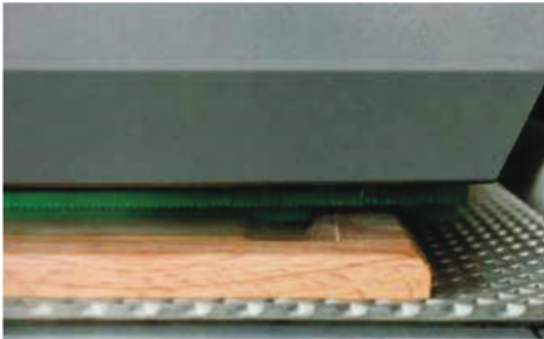


- THE ESSENTIAL PRODUCTS FOR AUTOMATED BRUSH SANDING.
- THE FLEXIBLE SANDING SYSTEM WHICH CAN BE A SINGLE MACHINE OR COMBINATION OF ALL THREE MACHINES.
- IT'S SIMPLICITY, EFFICIENCY AND VARIETY PROVIDES MORE POSSIBILITIES WITH GREATER CONTROL OF THE SANDING PROCESS.
- THE CORRECT SANDING SOLUTION AVAILABLE FOR VARIOUS APPLICATIONS.
- EASILY CONTROLLED TOUCH SCREEN.



## FH/FD/FR1300N

### FLEXIBLE SURFACE SANDER LINE



#### FH 1300N

– Horizontal units of rollers rotate individually and are traversing left and right at the same time, offering superior sanding effect for surface and forward grooves.



#### FD 1300N

– With adjustable speed control, two units of discs turn in opposite directions. It sands boards in horizontal and vertical directions, providing sanding for surfaces and profiles.



#### FR 1300N

– Two units of straight sanding heads rotate in opposite directions. Which provides complete sanding of flat and profiled pieces.



## FH/FD/FR1300N

### FLEXIBLE SURFACE SANDER LINE

Wood, Metal, Plastic and Composite Sanding



TECHNICAL SPECIFICATION	FH1300N	FD1300N	FR1300N
Max. Working Width	51 in.	51 in.	51 in.
Min. Working Length	18 in.	11 in.	15 in.
Working Thickness	.11 - 4.5 in.	.11 - 4.5 in.	.11 - 4.5 in.
Total Motor Power	8.3 kw	5.79 kw	5.24 kw
Linear Speed of Conveyor Belt	10 - 55 ft./min	10 - 55 ft./min	10 - 55 ft./min
Volume of Dust Collection	6100 m <sup>3</sup> /h	8800 m <sup>3</sup> /h	8800 m <sup>3</sup> /h
Overall Dimension	89 in. x 76 in. x 83 in.	89 in. x 76 in. x 83 in.	89 in. x 76 in. x 83 in.
Total Weight	4630 lbs.	4410 lbs.	4189 lbs.

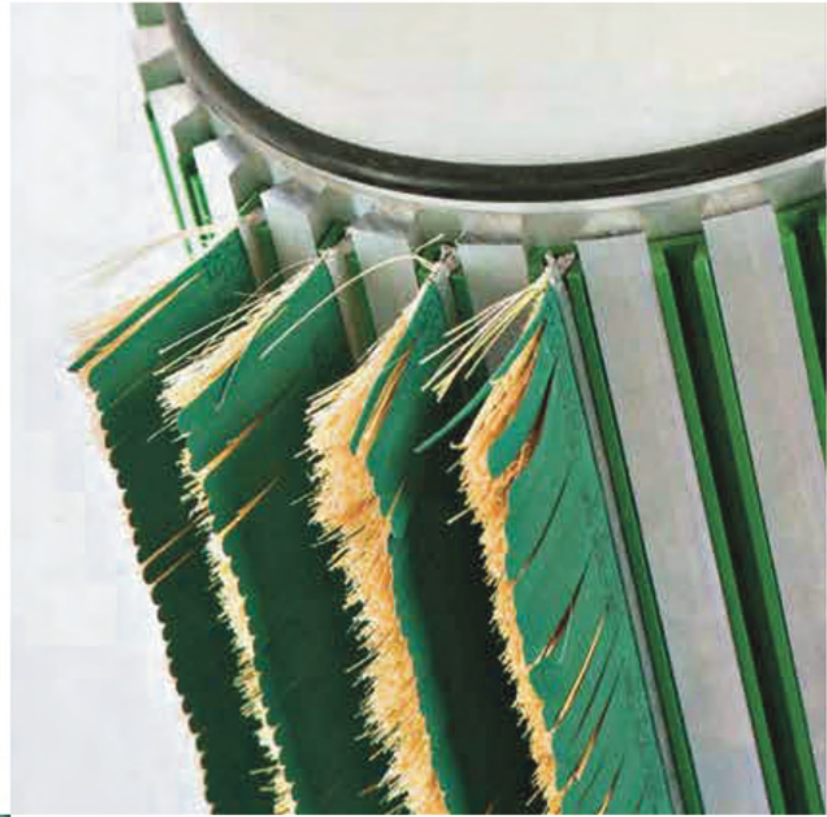


# MOTIMAC

## Motimac:

### INNOVATION MOVING FORWARD

Setting a Higher Standard as a Machine Supplier Motimac, which aims at being a superior machine supplier, adheres to innovation of technology so that we can continuously exceed our customers' expectations. The goal of Motimac is presenting the perfect quality. We continue to improve the process and strengthen the value of our brand in search of the perfect solution.



Above all, we persist in setting strict standards and strict quality control in each process during the manufacturing of every machine. Motimac is determined to provide superior quality machinery.

### **PERSONAL, CUSTOMIZED SOLUTIONS**

Offering many different machine configurations, Motimac is the right solution for any size manufacturing facility. From testing to purchase, to installation, to after sale-service, Motimac is there. Our knowledgeable personnel will provide professional, caring and fast service for you.



## SMART SANDERS

**FH600-600 / FH100-100 / FH100 / FR365 / FR650**



## FH600-600

- +DESIGNED TO SAND BOTH FLAT AND PROFILED SURFACES
- +CONFIGURED WITH TWO SPINDLES FOR MULTIPLE GRIT SETUPS OR TWO WORKSTATIONS
- +CAPABLE OF SANDING COMPOSITE, METAL AND WOOD PRODUCTS
- +SINGLE BUTTON HEIGHT ADJUSTMENT
- +QUICK CHANGE O-RING ON SANDING HUBS
- +VIBRATION REDUCING ADJUSTABLE FEET
- +SEE SPECIFICATIONS, NEXT PAGE



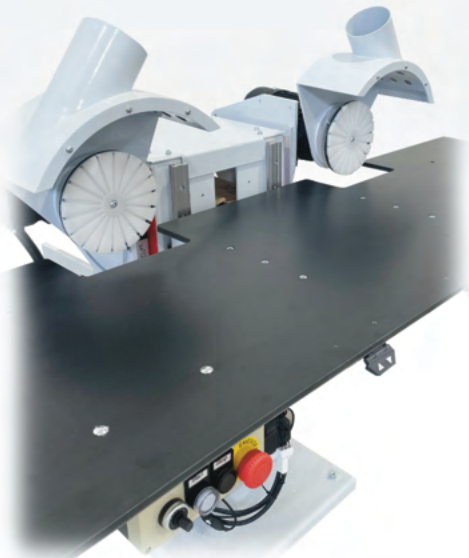


FH600-600	TECHNICAL DATA
Motor Power	1hp
Rotation Speed	100-450 RPM
Diameter of Dust Collector	2 @ 5"
Dimensions	71.7"w x 32.3"d x 45.3"h
Net Weight	441lbs
Hub Diameter / Slots	2 @ 180mm / 24
Hub Length	24"
Voltage	230v / 60Hz
Phase	3 Phase
Full Load Ampage	3.66 Amp

## FH100-100



- + DESIGNED FOR EDGE SANDING OF FLAT AND PROFILED SURFACES
- + TWO-DISC HEADS SANDING IN OPPOSITE DIRECTIONS
- + ABILITY TO HAVE TWO OPERATORS AT ONE TIME
- + SINGLE BUTTON HEIGHT ADJUSTMENT
- + QUICK CHANGE O-RING ON SANDING HUBS
- + MULTIPLE SANDING ANGLES
- + SEE SPECIFICATIONS, NEXT PAGE





FH100-100	TECHNICAL DATA
Motor Power	2 @ 1.5hp
Rotation Speed	100-450 RPM
Diameter of Dust Collector	2 @ 4"
Dimensions	67"w x 47.3"d x 55"h
Net Weight	520 lbs
Hub Diameter / Slots	2 @ 180mm / 18
Voltage	230v / 60Hz
Phase	3 Phase
Full Load Ampage	6.1 Amp

## FH100

- +DESIGNED FOR EDGE SANDING OF FLAT AND PROFILED SURFACES
- +SINGLE BUTTON HEIGHT ADJUSTMENT
- +EDGE SANDING WITH HUB AND CUP SANDING HEADS
- +QUICK CHANGE O-RING ON SANDING HUBS
- +MULTIPLE SANDING ANGLES
- +SEE SPECIFICATIONS, NEXT PAGE





FH100	TECHNICAL DATA
Motor Power	1 @ .75hp
Rotation Speed	100-450 RPM
Diameter of Dust Collector	1 @ 4"
Dimensions	47.3"w x 47.3"d x 52"h
Net Weight	420 lbs
Hub Diameter / Slots	1 @ 180mm / 18 + 1 @ 180mm / 24
Hub Length	100mm
Voltage	230v / 60Hz
Phase	3 Phase
Full Load Ampage	3.05 Amp

## FR365-FR650



- +TWO SIDE HEADS & THREE TOPS HEADS
- +SIDE HEADS ABLE TO SAND IN MULTIPLE ANGLES
- +INDEPENDENT HEIGHT ADJUSTMENT ON ALL HUBS
- +INDEPENDENT OPERATION OF EACH HUB
- +SIEMENS ELECTRONIC CONTROLS
- +CAPABLE OF SANDING FLAT OR PROFILED SURFACES
- +EMERGENCY STOP
- +AVAILABLE IN 14" OR 25" WIDTH
- +SIDE HEADS ADJUST TO SAND 2" WIDE TO 25" WIDE PIECES
- +SEE SPECIFICATIONS, NEXT PAGE





	FR365		FR650	
	Edge Sand Roller	Horizontal Roller	Edge Sand Roller	Horizontal Roller
Sanding Width	14"		25"	
Minimum Working Length	21.5"	15"	21.5"	15"
Working Height	.12" - 4"		.12" - 4"	
Feed Speed	10 - 55 ft/min		10 - 55 ft/min	
Total Power	8.7hp		15hp	
Motor Power	2 @ .75hp	3 @ 2hp	2 @ .75hp	3 @ 4hp
Rotation Speed	100 - 450	60 - 450	100 - 450	60 - 450
Dimensions	39"w x 55"h x 108"l		45"w x 52"h x 108"l	
Weight	2116 lbs		2535 lbs	
Voltage	230v / 60Hz		230v / 60Hz	
Phase	3 Phase		3 Phase	
Full Load Ampage	27 Amp		45 Amp	

## Service Commitment

1. ONE YEAR WARRANTY ON ALL MACHINES FROM THE SHIPMENT DATE.\*
2. WITHIN THE WARRANTY TIMEFRAME, SPARE PARTS ARE FREE OF CHARGE. FREIGHT CHARGE IS NOT INCLUDED.
3. PROFESSIONAL TECHNICIANS ARE AVAILABLE ONLINE, TO TROUBLESHOOT ANY ISSUES AND OFFER THE BEST SOLUTION IN SHORTEST AMOUNT OF TIME.
4. PARTS ARE STOCKED TO ENSURE QUICK DELIVERY TIMES.
5. SERVICE AND LABOR CHARGES APPLY.



\* DOES NOT INCLUDE ELECTRONICS AND PNEUMATIC PARTS.



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