

Altendorf Sliding Table Saw F45 PRO 3800 CNC Rip Fence



Contact

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Proposal Summary

Altendorf Sliding Table Saw F45 PRO 3800 CNC Rip (internal reference PP1 3800)

M18150	Model F45 PRO
M34206	149" long sliding table
M51100	7.5 hp main motor
M24030	Two axis scoring with independent motor
M24035	RAPIDO scoring system
M24037	LED illumination for scorer
M37003	On / off switches on table
M44404	Crosscut miter fence with angles to 49° and stops to 137"
M44442	CNC rip fence 51"
M64080	Extended cutting height for one-way tilt, max. saw blade projection 204 mm- 550mm blade
	Clipboard
	12" dia 72 T sawblade and Rapido scoring blade
	The F45 is UL certified and marked accordingly on the machine



Technical Summary

CONTROL	
Control type	ProDrive
Control panel	Mounted at eye level, swiveling
Display	Digital for tilt angle Rip fence position
Functions	Sawblade specifications Sawblade height and tilt positions CNC rip fence position Grooving 99 position memory

MAIN SAW UNIT	
Motor	5.5 Kw (7.5 HP)
RPM	3,000, 4,000 and 5,000 rpm
Blade rise and fall adjustment	Powered
Tilt mechanism	Powered
Tilt range	+46°

MAIN SAWBLADE DETAILS	
Max blade dia	550 mm 21.65" (scoring saw must be removed when using blade larger than 400 mm (15.7"))
Arbor dia	30 mm
Pin holes	2 x 10 mm @ 60 mm centers
Included main blade	300 mm dia 72T
Living knives included	3 (to suit blades 300 – 500 mm dia)

SAW BLADE PROJECTION	
90° with max 500 mm dia blade	75 mm (3") - 180 mm (7") scoring blade removed
+45° with 500 mm dia blade	53 mm (2") - 115 mm (4.5") scoring blade removed
- 45° with 500 mm dia blade	56 mm (2.2") - 86 mm (3.3") scoring blade removed

DADO CAPACITY	
Maximum width of dado	20 mm (25/32")

Technical Summary

SCORING UNIT

Motor	0.75 kW (1 hp)
RPM	8,200
Scoring unit 2 axis adjustment	
Height	Motorized
Lateral	Motorized
Scoring blade	RAPIDO shimless system
LED indicating when scorer is in operation	Included

SCORING BLADE DETAILS

Blade dia	120 mm
Adjustment range	3 – 3.8 mm (0.118" – 0.15")

SLIDING TABLE

Sliding table length	3800 mm (149.6")
Cutting length	3700 mm (145.6")
Stop / start buttons	On control and sliding table
Table locking mechanism	Infinite
Maximum weight supported	250 kg (550lbs)

CROSSCUT FENCE

Type	Cross cut mitre
Maximum length	3500 mm (137") with included extension
Type of cross stop	Manual
Number of stops	2
Readout	scale
Miter angle capacity	0 – 49°

RIP FENCE

Ripping capacity	1300 mm (51")
Adjustment	Programmable
Readout	Digital
Traverse speed	250 mm / sec (9.8" / sec)
Accuracy	+/- 1/10 mm (0.004")

Technical Summary

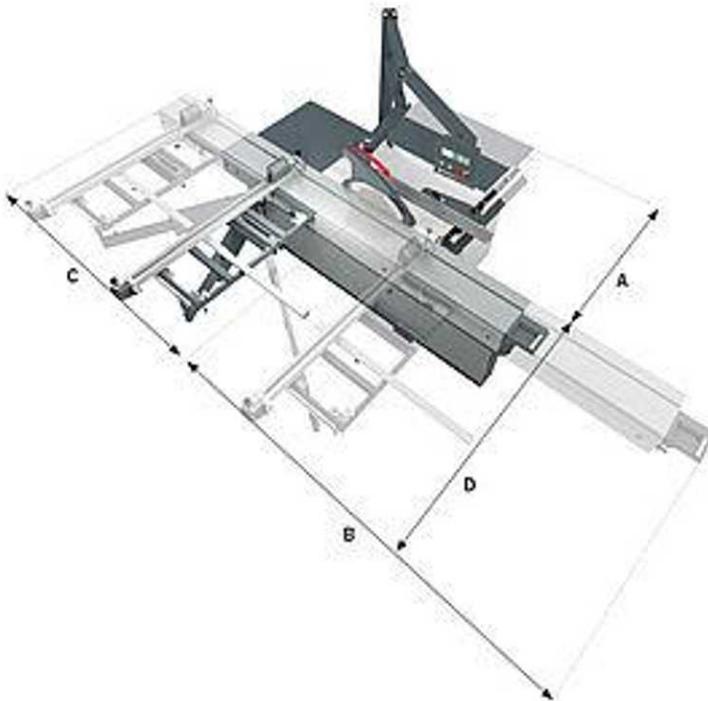
SERVICES

Connecting electrics	220 / 440v 3ph 60Hz (acceptable tolerance range +5% - 10%)
Full load amps	30 amps @ 220v 15 amps @ 440v
Dust extraction	Approx. 900 cfm
Saw guard port	80 mm (3.15")
Bottom port	120 mm (4.75")

SHIPPING DIMENSIONS

Two pieces	Machine 91" x 75" x 78" 2700 lbs.
Approx. length, width, height, weight	Table 140" x 30" x 18" 550lbs

OPERATING SPACE REQUIREMENTS



A = 64.4"

B = 163.8"

C = 161"

D = 74.4" – 145.3"

Important:

Dimensions apply only to machine with 3800 long sliding table 1300mm rip capacity and crosscut mitre fence

ALTENDORF F45 Pro 3800 Details

BASE CONSTRUCTION

Machine frame

The machine foundation is a CNC manufactured, 5-sided torsion resistant base

Easily accessible forklift access

Totally stability to ensure perfect quality of cut



CONTROL

ProDrive -Controls up to four axes

Conveniently mounted at eye level, simple to operate and clearly displays the machine settings.

- Blade height and tilt function
- Scoring blade position
- CNC rip fence
- Machine diagnostics
- Grooving function

Auto position compensation when the blade is tilted



SAW UNIT

M51100

One-way tilt with manual speed adjustment

The unit is electronically balanced as a fully assembled unit resulting in incredibly smooth running saw spindles ensuring the best quality of cut

Altendorf motor specifications are optimized to provide 20% more torque than conventional motors with no increase in electrical consumption.

Three speed unit 3000, 4000 and 5000 rpm and are adjusted manually.

Heavy-duty cast-iron tilting trunnions ensure precise and smooth positioning. Blade tilts to the right (towards the fixed table) 46 degrees and is positioned from the main control panel

ProLock blade mounting system enables quick easy blade changes with just one tool



SCORING SYSTEM

M24034

Scoring unit

The scorer ensures chip-free undersides when working with laminated panels.

When the scoring motor is turned on, the blade automatically moves to the stored height. When the main blade or scorer is switched off, the scoring blade moves back under the table

Vertical and horizontal adjustments are made electronically via the control panel

Independent 0.75kW (1 hp) motor 8,200 rpm



M24035

RAPIDO scoring blade

The RAPIDO system makes adjusting the cutting width straightforward. Compared to working with shims, where you have to take the blade off the machine to alter its width, the RAPIDO saves at least 10 minutes, as the blade stays on the machine during adjustment

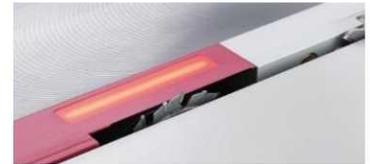
Adjustment is precise, so the RAPIDO can be fine-tuned to match the cutting width of any main blade. Range: 3 - 3.8 mm. Dia 120mm



M24037

LED illumination

LED's highlight the danger area around the scorer when it is above the table and operating



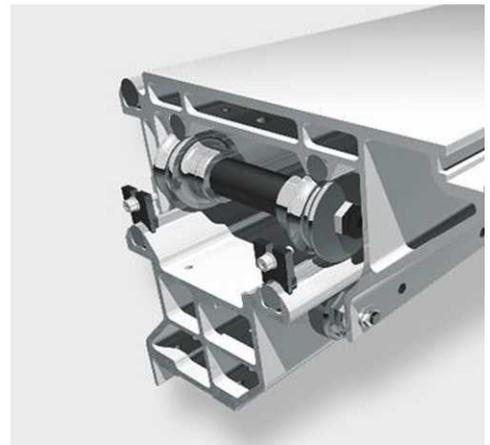
SLIDING TABLE

The Altendorf sliding table is renowned for its smooth, precise running. Table lengths are available from 2250 – 5000 mm (88.5" – 196")

It is infinitely adjusted and can be locked in whatever position required.

The large dumbbell rollers guide the moving table with absolute precision between the hard-chromed guide bars. And it retains this ease of movement even after decades of hard work, dust and dirt. The hollow multi-chamber design gives great torsion resistance and rigidity.

Practically maintenance free, requiring no oiling, providing years of precision cutting.



SLIDING TABLE continued

M34306

Table length

Table length 3800 mm (149")

Useable length 3700 mm (145") in conjunction with the crosscut fence



M37003

On off switched on sliding table

Duplicate on /off switches are right where you need them, at the end of the table. Controls the main blade and scorer.

(On / off switches are also included on the control panel)



CROSSCUT FENCE

Crosscut table

The extremely smooth moving table supports up to 500 lbs. It mounts to a chrome hardened rod in the sliding table and is supported by a precision swing arm

Parallelism is ensured between the sliding table and crosscut table



M44404

Crosscut mitre fence

Patented Altendorf fence makes it easy to produce bevels and miter cuts in one function.

Integral length compensation when cutting mitres. No more guessing! The angle can be set over a range of 0 - 49° read from an easy to read graduated scale

Two zero play, free sliding flip stops are included

Max length of fence 3500 mm (137") with telescopic extension for length long than approx. 1700 mm (66.9").



M44443

RIP FENCE

CNC rip fence

The CNC rip fence makes setting up for rips simple by entering the required dimension in the convenient overhead control.

Traverse speed of 250 mm/sec (9.8" / sec). Accuracy of +/- 1/10 mm (0.004").

Low maintenance and fully protected by aluminum cover

Automatic width compensation when the fence is changed from the vertical and flat position as well as when working with the sawblade tilted

High-precision five-point recirculating ball screw system



SUMMARY TERMS AND CONDITIONS OF SALE

PRICES:

All prices quoted are at specified FOB place of inventory
Prices do not include state and local taxes

START UP SUPERVISION:

Start-up supervision and training is not included.
In order to ensure a machine performance as per our standards and that operators receive proper training for a safe operation, AGA requires that installation is performed by an Altendorf technician or other service provider that has been duly approved and trained.

Price for this install: ~~\$2,500.00~~ \$2,000.00

The above includes travel and expenses, and allows for a max 1 day on-site. Customer must adhere to the pre-install requirements as communicated by our Service Department.

DELIVERY:

Delivery approximately 6 – 8 weeks, subject to receipt of the funds and clarification of all technical details. Subject to prior sale – allocated on a first come, first served basis, with receipt of deposit.

IMPORTANT: Machine cannot be shipped until funds have been cleared. Pre install requirements must be completed before scheduling installation.

TERMS OF PAYMENT:

40% deposit
60% prior to shipment

PAYMENT METHODS:

By check: we must be paid in full, 5-7 days PRIOR to shipment of machine.

Direct deposit

Bank: Wells Fargo, 420 Montgomery St, San Francisco, CA 94104
Account number 4151798873
Routing number: 121000248
Swift Code WFBIUS6S

Finance company: a refundable deposit is required to secure the machine. Deposit will be refunded to customer in full, upon reception of full machine funding or written acceptance confirmation by finance company

QUOTATION VALIDITY:

30 days from date of offer

IMPORTANT: Please refer to our abbreviated General Terms and Conditions of Sale, here-attached, which are part of the present offer.

ABBREVIATED GENERAL TERMS AND CONDITIONS:**General clauses:**

- The present document is a part of our offer and becomes legally binding upon reception of either one of the following instruments; a duly signed purchase order, written confirmation by the customer, or the reception of the deposit.
- No verbal agreement or arrangement will be considered; any particular agreement would need to be confirmed in writing by an authorized AGA representative and approved by our AGA management.
- The price of any specified option is valid only for delivery with the machine; some options can only be installed at the factory and may not be retrofitted.
- Unless otherwise specified, the prices include customs clearance and any duty applicable.
- Delivery delay: AGA cannot be held responsible for any delay, any costs or production losses incurred due to circumstances beyond its control such as; late delivery by the manufacturer, strike, accident or other causes.
- Safety and electrical Norms: the machines are wired according to UL norms and current safety norms in force in the European Community (CE) and may not conform to local codes in your area. Any changes or modifications required by local authorities are the responsibility of the end user.

Warranty:

AGA provides a limited warranty of 12 months on parts and labour, being summarized as follows:

- The period is effective from the date of delivery or 2,200 operating hours, whichever comes first.
- It covers defects in material or fabrication recognized by AGA; it does not cover situations arising from improper operation or negligence; neither does it cover eventual production losses.
- While on-site labour is covered, the customer may have to cover for travelling time and expenses
- The choice of remedy is entirely the decision of AGA as to repairing or replacing components; any work or modification done by an unauthorized party may result in warranty becoming void.

AGA Responsibilities:

- Machine final assembly and leveling.
- Machine installation in accordance with the manufacturer's procedures and check-list.
- Setting the machine to operating conditions and demonstrate to the operators.
- Provide training on safety and maintenance procedures
- Review with the customer the manuals and the parts ordering procedures

Customer Responsibilities:

- Unloading, unpacking and positioning the machine
- Electrical connection to the machine needs to be done by a licensed electrician, in accordance with the manufacturer's and local requirements
- Dust collection system must be installed and meet the manufacturer's recommendations.
- Provide pneumatic connection as per the manufacturer's requirements.
- Providing necessary help to the technician for assembly, as needed.
- Have available any material necessary for the start-up: tooling, glue, panels, edgebanding, etc.
Important: Installation can be scheduled after the above requirements have been performed. Customer will be provided with a Pre installation checklist prior to delivery of the equipment.

Mediation and arbitration procedure:

- Any claim or dispute between the parties pertaining to or arising out of the present offer and further transaction shall, upon written request of either party, be arbitrated in Mooresville, North Carolina in accordance with the Commercial Arbitration Rules of American Arbitration Association in English language and the award rendered shall be final and binding upon the parties. The cost of arbitration shall be borne equally by the parties, except that each party shall bear its own attorney, witness and preparation costs.

THE PRESENT DOCUMENT IS A SUMMARY – THE COMPLETE “AGA GENERAL TERMS AND CONDITIONS” DOCUMENT IS AVAILABLE UPON REQUEST.