

Our Machines for Roller Shutter Production & Assembly

Aluminum or Plastic - The Choice is Yours!

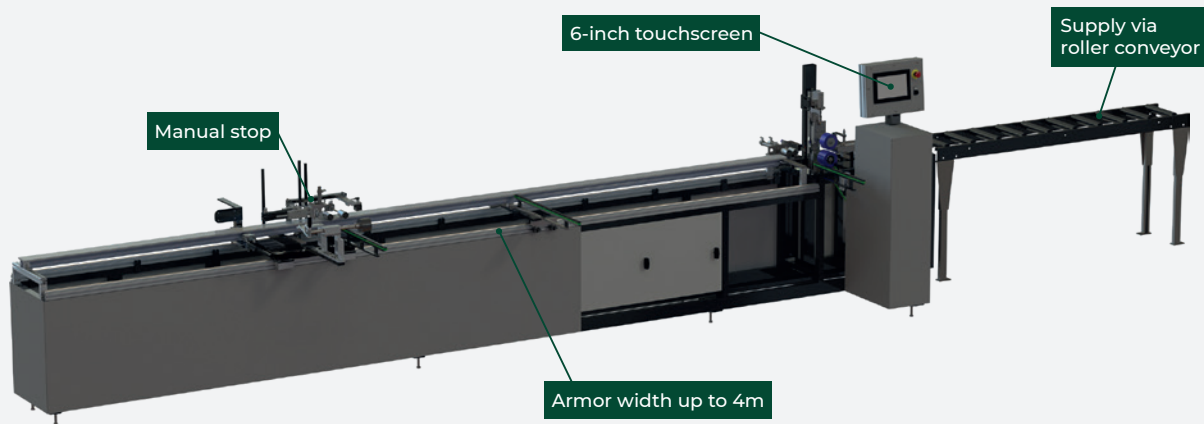


All from
one
Source!

ATX 1500

Entry-Level Model for Aluminum Roller Shutters

Automatic roller shutter locking machine with infeed for ALU slats that have already been cut to size and end piece locking on both sides



Workflow

- The operator sets the width of the roller shutter in the machine by hand. A cut slat is used as a sample piece for this purpose.
- The machine has a swing-in stop on both sides (fixed and mobile part).
- The operator inserts a cut slat into the machine, which is recognized and drawn in.
- End pieces are automatically inserted and embossed in every second slat.
- A counter monitors the number of slats. Once the set number of slats has been reached, the machine stops.

Technical Data

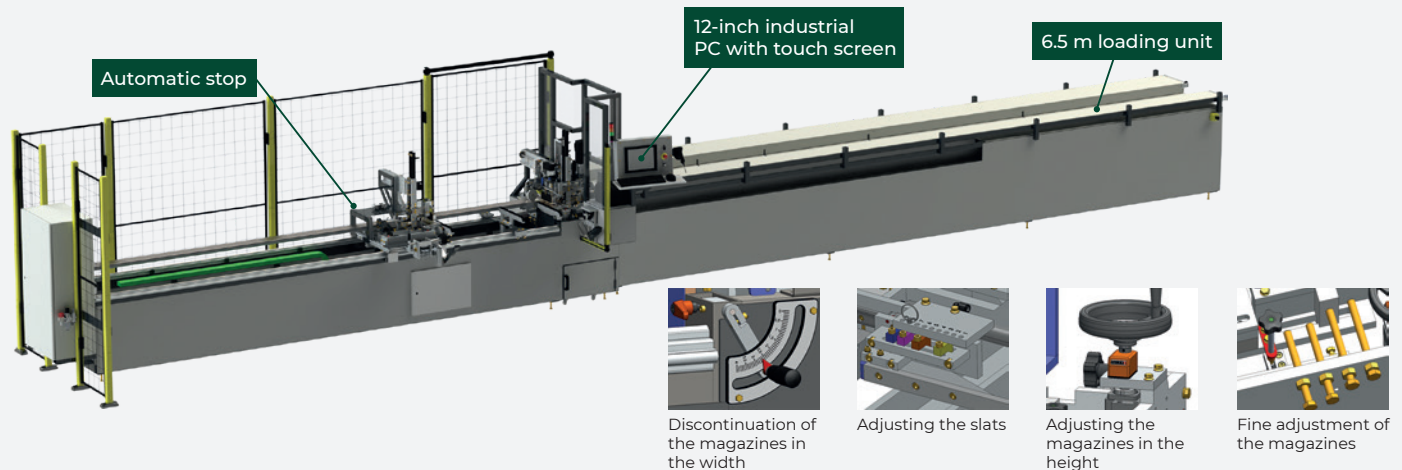
Length	7.500	mm
Width	1.500	mm
Height	1.200	mm
Weight	1.000	kg
Power supply	400 V / 50 Hz / 3 phases	
Air pressure	approx. 7	bar

Up to
60 Roller
Shutters per
Shift

E-Volet

All-Round Machine for Aluminum Roller Shutters

Fully automatic roller shutter curtain locking machine with integrated saw for cutting and locking ALU slats with end piece locking on both sides; up to 6 different slat sizes can be processed



Highlights

- Electronically controlled cross transport of the slats by ball screws.
- Easy adjustment of the magazines (mobile + fixed)
- Residual piece optimization
- Roller shutter width min. 400 mm, max. 4,000 mm

Workflow

- The perforated and unperforated slats are fed onto the loading device. This means more efficient and faster work with the loading device and increases the capacity of the system. Of course, they can also be loaded individually, shoulder to shoulder.
- The machine now automatically picks up the slats one by one and pushes them against the width stop, after which they are cut to size.
- Cut to width, the ALU slats are locked in place by automatically inserting the end pieces from each slat side and every every second slat. The end pieces are embossed on both sides. The roller shutter is wound up automatically.
- We recommend processing the slats as 4 or 5-piece carpets.

Technical Data

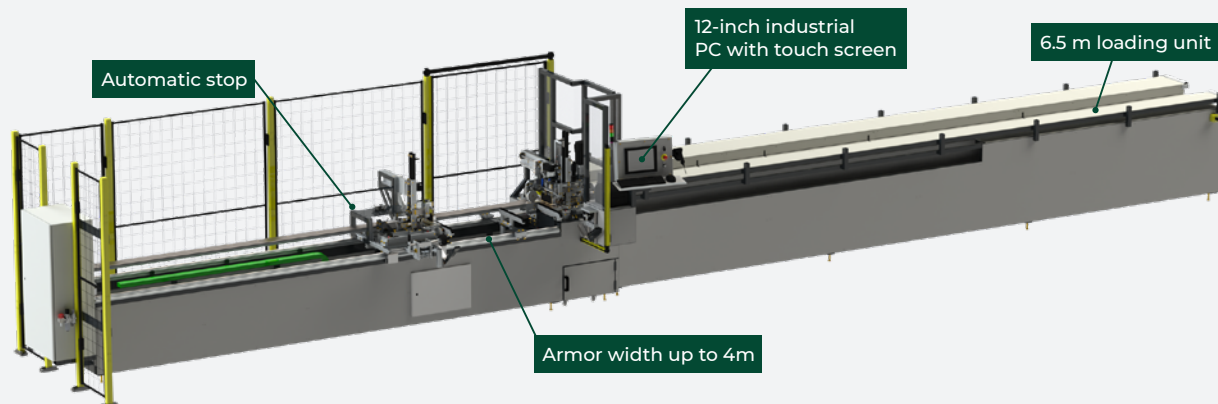
Length	12.400	mm
Width	1.770	mm
Height	2.000	mm
Weight	1.700	kg
Power supply	400 V / 50 Hz / 3 phases	
Air pressure	approx. 7	bar

Up to
100 Roller
Shutters per
Shift

E-Volet *plus*

All-Round Machine for Aluminum Roller Shutters

Fully automatic roller shutter curtain locking machine with integrated saw for cutting and locking ALU slats with end piece locking on both sides; up to 6 different slat sizes can be processed



Highlights

- Electronically controlled cross transport of the slats by ball screws.
- Automatic adjustment of the magazines (mobile + fixed)
- Residual piece optimization
- Roller shutter width min. 400 mm, max. 4,000 mm

Workflow

- The perforated and unperforated slats are fed onto the loading device. This means more efficient and faster work with the loading device and increases the capacity of the system. Of course, they can also be loaded individually, shoulder to shoulder.
- The machine now automatically picks up slat by slat and pushes them against the width stop, after which they are cut to size.
- Cut to width, the ALU slats are locked in place by automatically inserting the end pieces from each slat side and at every second slat. The end pieces are embossed on both sides. The roller shutter is wound up automatically.
- We recommend processing the slats as 4 or 5-piece carpets.

Up to
120 Roller
Shutters per
Shift

Technical Data

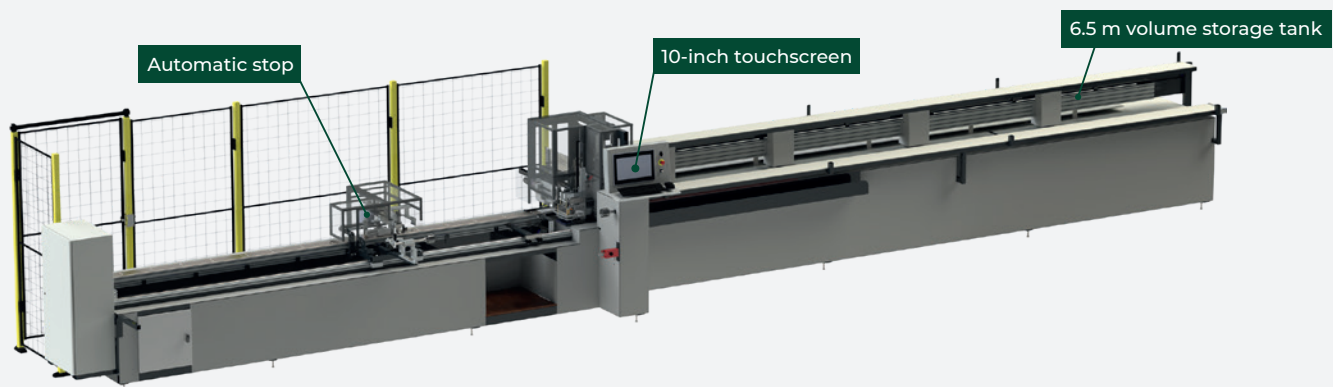
Length	12.400	mm
Width	1.770	mm
Height	2.000	mm
Weight	1.700	kg
Power supply	400 V / 50 Hz / 3 phases	
Air pressure	approx. 7	bar



ATX 3000

Production Machine for Aluminum Roller Shutters

Roller shutter curtain locking machine with volume storage, double slat feed, integrated saw for cutting and locking ALU slats with end piece locking on both sides



Highlight

- Electronically controlled cross transport of the slats by ball screws.

Workflow

- 2 slats of 6 m each are pulled in at the same time, cut to size, transported further and locked in place.
- Thanks to the volume memory, up to 400 m of bar stock can be stored.
- The roller shutter is automatically rolled up or laid flat.
- The slats must be processed in a 4 or 6-piece carpet on the machine.
- Offcuts smaller than 400 mm are automatically disposed of at the front in a collection container, larger offcuts are automatically disposed of at the rear for further processing.

Technical Data

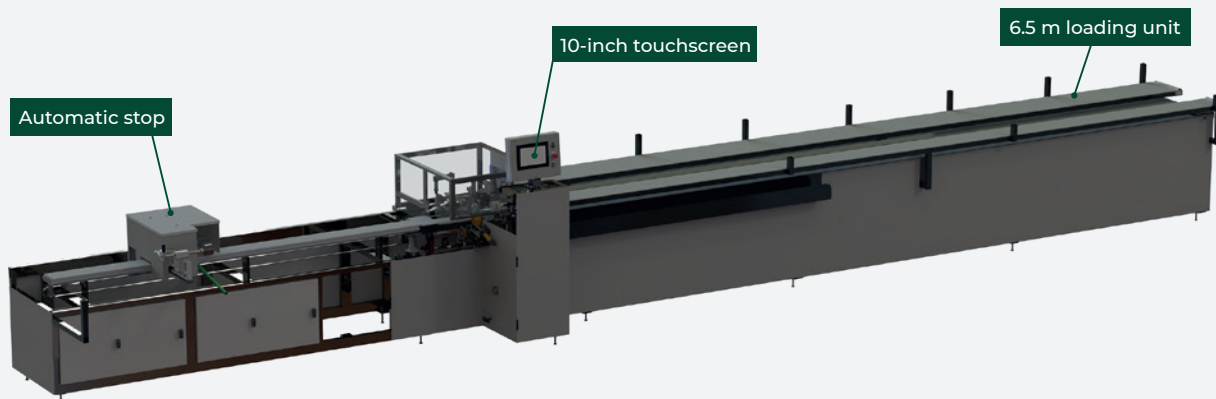
Length	11.500	mm
Width	2.000	mm
Height	1.200	mm
Weight	2.000	kg
Power supply	400 V / 50 Hz / 3 phases	
Air pressure	approx. 7	bar

Up to
160 Roller
Shutters per
Shift

PFX 2200

All-Round Machine for Plastic Roller Shutters

Fully automatic roller shutter armored locking machine with integrated saw for cutting to size and locking of PVC slats by wire locking; up to 3 different slat sizes can be processed



Workflow

- The perforated and unperforated slats are fed onto the loading device. This means more efficient and faster work with the loading device and increases the capacity of the system. Of course, they can also be loaded individually, shoulder to shoulder.
- Cut to width, the PVC slats are locked in place by the automatic insertion of a stainless steel wire at every second slat. The roller shutter is wound up automatically.
- The loading device can hold a maximum of 6,500 mm long slats. We therefore recommend processing the slats as carpets of 4 or 5 slats.
- Residual pieces smaller than 300 mm are automatically disposed of at the front in a larger offcuts are automatically disposed of to the rear for further processing, for further processing.

Technical Data

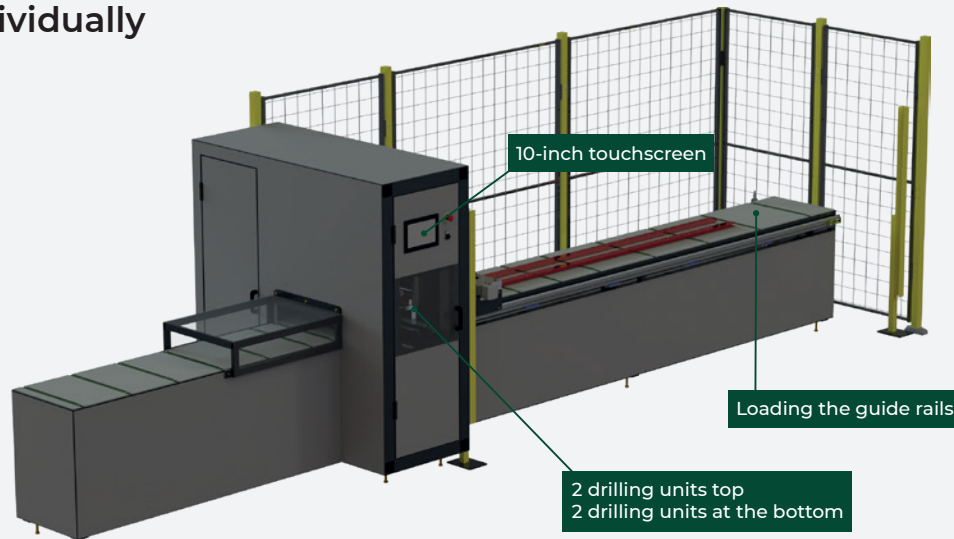
Length	11.200	mm
Width	1.500	mm
Height	1.200	mm
Weight	1.500	kg
Power supply	400 V / 50 Hz / 3 phases	
Air pressure	approx. 7 bar	

Up to
100 Roller
Shutters per
Shift

MP2C 3000

Drilling System for Guide Rails

Drilling system with positioning gripper for processing roller shutter guide rails up to max. 3000 mm in pairs or individually



Highlight

- Quick and easy conversion to another guide rail

Workflow

- The operator places the cut guide rails in pairs by hand into the positioning gripper to the stop (mirror image).
- The operator selects the desired drilling program and presses „Start“.
- The automatic work process begins - the rails are clamped and drilled pneumatically.
- Further positioning steps - drilling of subsequent hole fields depending on the length of the guide rail.
- After drilling, the finished pair is ejected.
- The next pair of guide rails is inserted and processed.

Technical Data

Performance of the machine

approx. 200 GR pairs
per 8-hour shift depending
on the number of boreholes

Diffuser (cross section G.R.) H x W	95 x 70	mm
Speed drilling units	18.000	1/min
Connected load	approx. 3.0	kW
Power supply	400 V / 50 Hz / 3 phases	
Air pressure	6	bar
Air consumption	approx. 50	Ltr./sec.
Supply line	3/4	Inch

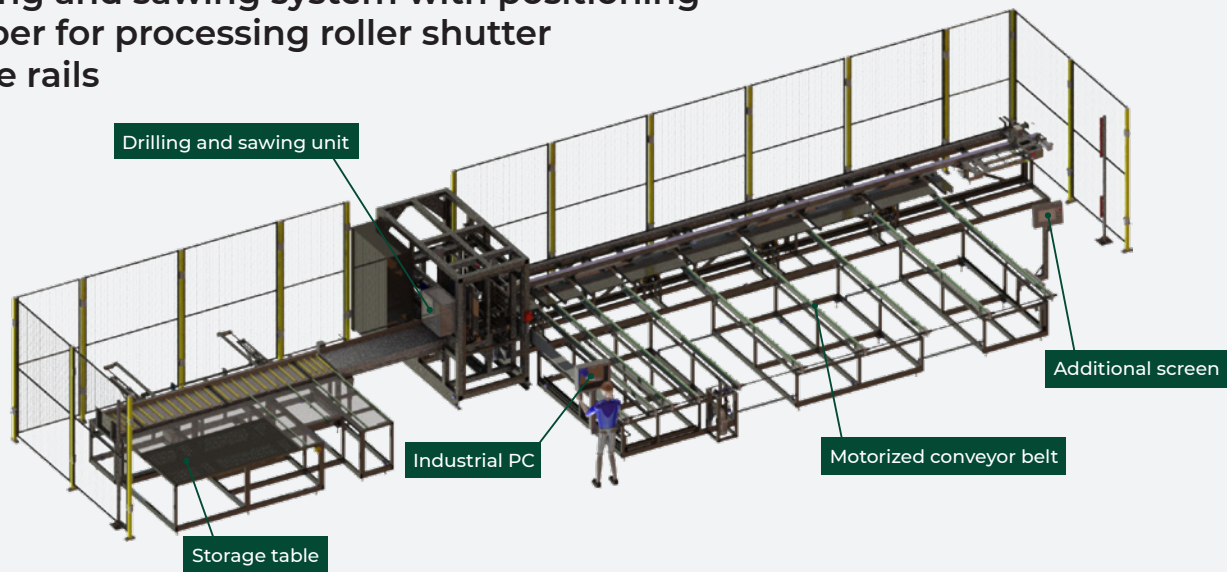
30 Seconds
per GR-Pair

ACROLOC
Werkzeugmaschinen

MP2C 6000 CH

Drilling and Sawing System for Guide Rails

Drilling and sawing system with positioning gripper for processing roller shutter guide rails



Workflow

- Scanning order/orders if several FS are to be produced from one bar.
- Place the guide rails in pairs in the feed magazine (opt. feed magazine).
- Press the enable button for START (fully automatic from here on).
- PUSHER grabs the two FS bars and pushes them into the machine for sawing (first cut).
- Subsequent drilling from above, below depending on program specification.
- At the end of the drilling process, the FS is cut to length.
- The outfeed roller conveyors transport the profile onto the motorized roller conveyor, which transports the profile to the end of the deposit table.
- The pusher pushes the FS sideways onto the storage table.

Arrangement of the drilling spindles:

- 2 drilling spindles from above
- 2 drilling spindles from below
- 2 drilling spindles from the sides

Technical Data

Performance of the machine

approx. 200 GR pairs
per 8-hour shift depending
on the number of boreholes

Diffuser (cross section G.R.) H x W	100 x 40	mm
Speed drilling units	24.000	1/min
Connected load	approx. 3.0	kW
Power supply	400 V / 50 Hz / 3 phases	
Air pressure	6	bar
Air consumption	approx. 50	Ltr./sec.
Supply line	3/4	Inch

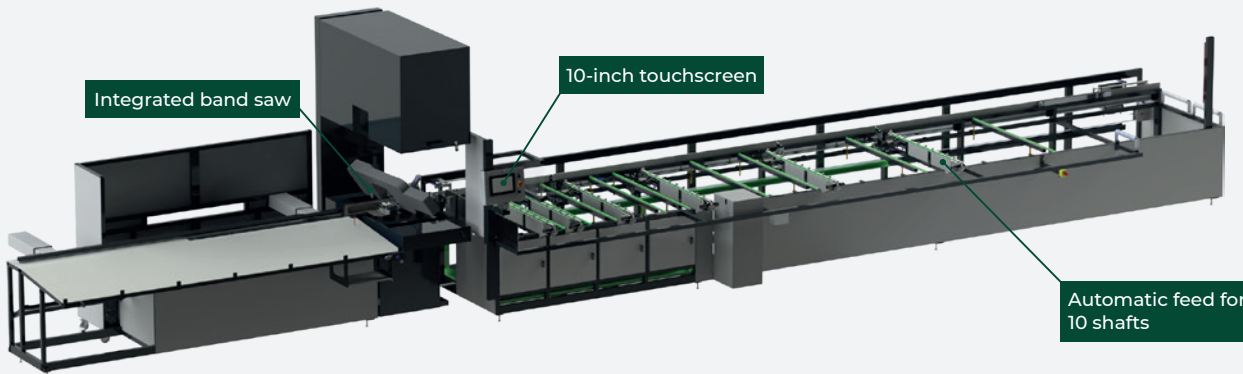
30 Seconds
per GR-Pair

ACROLOC
Werkzeugmaschinen

RC AX 6000

Sawing System for Roller Shutter Shafts

Sawing system with integrated band saw for cutting to length roller shutter shafts



Highlight

- Shortest section 150 mm
- Longest section 5,000 mm

Workflow

- This system was specially developed for cutting roller shutter shafts with a maximum length of 6,000 mm and a diameter of 40 to 100 mm to length.
- The storage for the shafts is loaded manually with up to 10 shafts of 6,000 mm length each.
- The operator enters the cutting length manually or via a barcode scanner.
- Data can also be received via Ethernet.
- The system then processes the shafts autonomously.
- The operator only has to fill the magazine with new shafts from time to time and remove the already cut shafts for further processing.

Technical Data

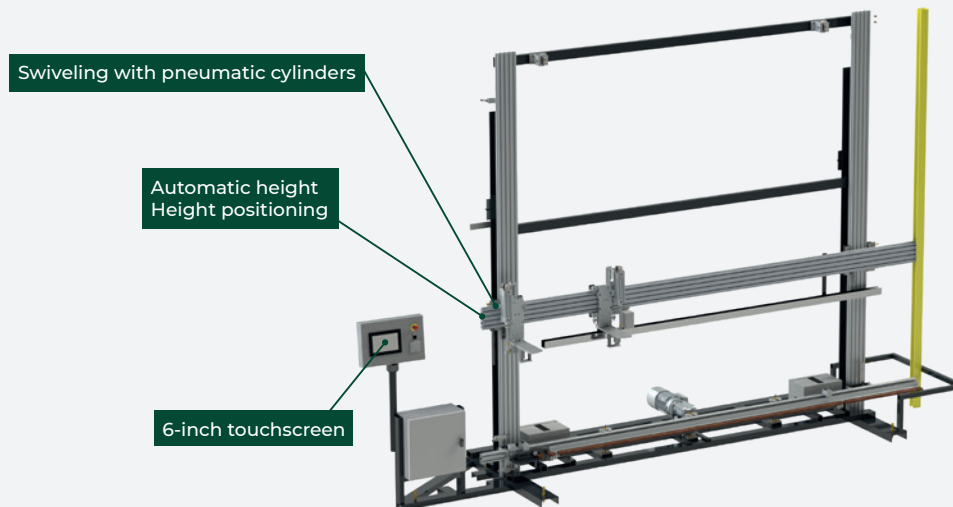
Performance of the machine	approx. 800 waves per 8-hour shift
Programmable travel distance	7.000 mm
Drive power bandsaw	approx. 3.0 kW
Dimensions (approx. length)	13.000 mm
Power supply	400 V / 50 Hz / 3 phases
Air pressure	6 bar
Air consumption	approx. 50 Ltr./sec.
Supply line	$\frac{3}{4}$ Inch

approx.
800 Waves
per Shift

BMC 2200

Assembly and Test Bench for Roller Shutters

Assembly and test bench for aluminum and PVC roller shutter boxes



Main Dimensions of the System

Length	4.500	mm
Height	3.500	mm
Depth	1.300	mm
Weight	1.000	kg

Main Dimensions of the Roller Shutter Box

Width min.	400	mm
Width max.	3.000	mm
Height min.	500	mm
Height max.	3.000	mm

Technical Data

Motorized adjustable crossbar	
Position display via touchscreen	
Motor	2 kW
Power supply	400 V / 50 Hz / 3 phases
Air pressure	approx. 6 bar

Up to 50
Elements per
Shift

ACROLOC

Werkzeugmaschinen

ACROLOC Werkzeugmaschinen
Ing. Spanagel GmbH

Mühleweg 11
72800 Eningen
Germany

T: +49 (0) 7121 9835-0
F: +49 (0) 7121 9835-10

info@acroloc.de

Your reliable
Partner for over
40 Years!