

atech®

The Mechanical Maestros

atech® | 20th
ANNIVERSARY

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ALUMINIUM PROFILE WORKING MACHINERY

Miter Saws

1-20



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Crater-A450

Automatic Upcut Saw Ø450 mm / 18"

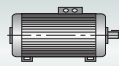
atech®



- Two-hands safety system
- Strong machine body
- Greater cutting range than other manufacturers
- 90° cut on the left
- Miter movement
- Cutting at intermediate degrees
- World brand components

- Saw blade rising speed is hydro-pneumatically adjustable
- Equipped with double hand safety feature
- Cutting at standard angles and any intermediate angles
- Split type straight cut on left 90°

Crater-A450



2.2kW, 3 HP
400 V - 230 V



D= 450 mm
d= 30/32 mm



3000 r.p.m.



BAR AIR CONS.
6-8 Bar
20lt/min



80x96x138 cm



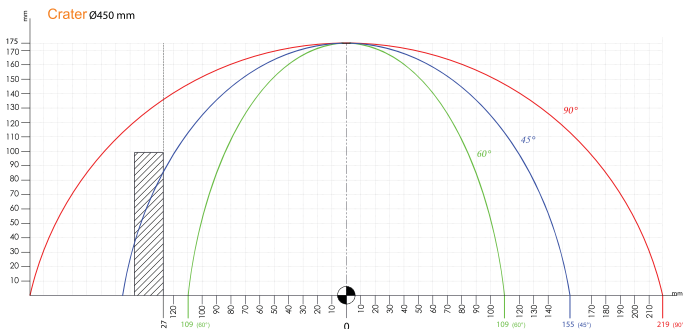
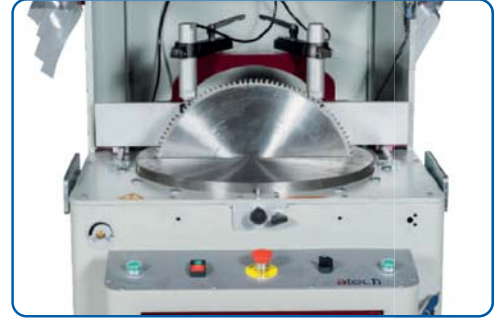
225



Crater-A450

Automatic Upcut Saw Ø450 mm / 18"

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Standard

- 1 pc. 450 mm saw blade
- 2 pcs. vertical clamps
- Air blow gun

Optional

- Conveyor
- Spray mist lubrication system
- Horizontal clamps
- Chip collector manifold
- Automatic opening for upcover
- Foot pedal control system
- Joystic control system

Crater-M450

Manual Upcut Saw Ø450 mm / 18"

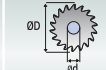
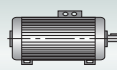
atech®



- Practical and easy manual lifting
- Strong machine body
- Greater cutting range than other manufacturers
- 90° degree cut on the left
- Miter movement
- Cutting at intermediate degrees
- World brand components

- Cutting at standard angles and any intermediate angles
- Split type straight cut on left 90°

Crater-M450



2.2kW, 3 HP
400-230 V - 50/60 Hz

D= 450 mm
d= 30/32 mm

3000 r.p.m.

BAR AIR CONS. -

80x94x138 cm

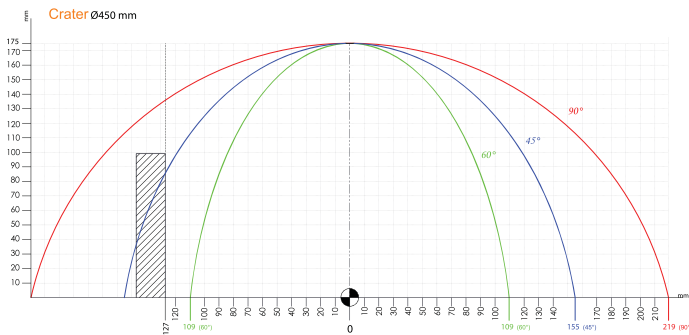
160

ALU PVC WD



Crater-M450

Manual Upcut Saw Ø450 mm / 18"



Standard

- 1 pc. 450 mm saw blade
- 2 pcs. vertical clamps

Optional

- Conveyor
- Pneumatic clamps
- Spray mist lubrication system
- 3-Phase motor

Crater-M450IL

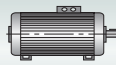





Manual Upcut Saw Ø450 mm / 18"

atech®



- Practical and easy manual lifting
- Strong machine body
- Greater cutting range than other manufacturers
- 90° cut on the left
- Miter movement
- Cutting at intermediate degrees
- World brand components
- Sturdy and high rear miter system
- Sturdy and strong vertical clamps

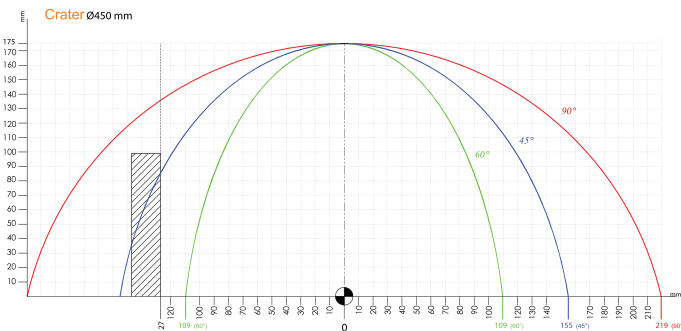
- Cutting at standard angles and any intermediate angles
- Split type straight cut on left 90°

Crater-M450IL						
ALU PVC WD	2.2kW, 3 HP 400-230 V - 50-60Hz	D= 450 mm d= 30/32 mm	3000 r.p.m.	BAR AIR CONS. 6-8 bar 20lt/min	92x94x151 cm	170

Crater-M450IL

Manual Upcut Saw $\text{Ø}450$ mm / 18"

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Standard

- 1 pc. 450 mm saw blade
- 2 pcs. vertical Pneumatic clamps
- 2 pcs. Horizontal Pneumatic clamps
- Spray mist lubrication system

Optional

- Conveyor
- 3-Phase motor

Crater-A550

Heavy Duty Automatic Upcut Miter Saw
Ø550 mm / 22"

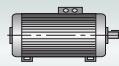
atech®



- Strong machine body
- Greater cutting range than other manufacturers
- Two-hands safety system
- Cutting at intermediate degrees
- Miter movement
- World brand components
- More powerfull chip vacuum system with one manifold

- Saw blade rising speed is hydro-pneumatically adjustable
- Cutting at standard angles and any intermediate angles
- Split type straight cut on left 90°

Crater-A550



4kW, 5.5 HP
400 V / 50 - 60Hz



D= 550 mm
d= 30/32 mm



3000 r.p.m.



BAR AIR CONS.
8 Bar
30lt/min



150x130x137 cm



480

ALU

PVC

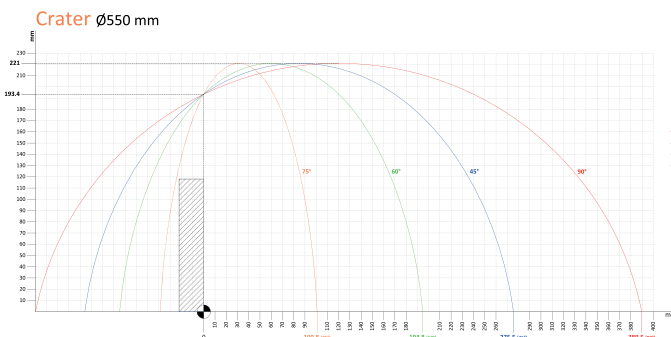
WD



Crater-A550

Heavy Duty Automatic Upcut Miter Saw
Ø550 mm / 22"

atech®



Standard

- 1 pc. 550 mm saw blade
- 2 pcs. vertical clamps
- 1 pcs. Horizontal clamps
- Air blow gun
- Spray mist lubrication system
- Automatic opening for upcover

Optional

- Conveyor
- 1 pcs. Horizontal clamps
- Chip collector manifold

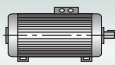





Crater-AP500

Automatic Upcut Saw
Ø500 mm /20"

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- Saw blade speed and material infeed are servo motor
- Equipped with double hand safety feature
- Cutting at standard angles and any intermediate angles
- Split type straight cut on left 90°

Crater-AP500						
ALU PVC WD	4kW, 5.5 HP 400 V AC-3P, 50-60 Hz	D= 500 mm d= 30/32 mm	3000 r.p.m.	BAR AIR CONS. 6-8 Bar 50lt/min	WxLxH 154x121x139 cm	520 kg

CE

Crater-AP500

Automatic Upcut Saw Ø500 mm / 20"

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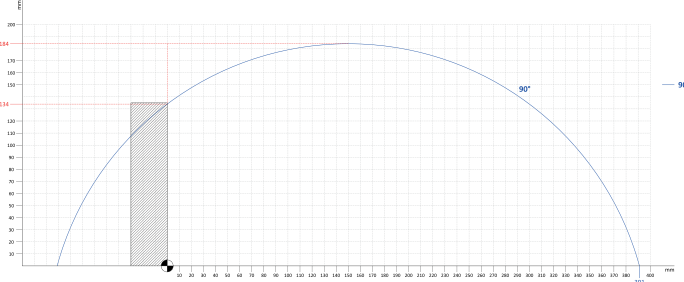
Standard

- 1 pc. 500 mm saw blade
- 3+3 pcs. vertical clamps
- KN-M3 conveyor
- Spray mist lubrication system
- Lubrication unit for screwed pin
- Air blow gun

Optional

- 2 pcs. chip collector manifolds
- Automatic opening for upcover

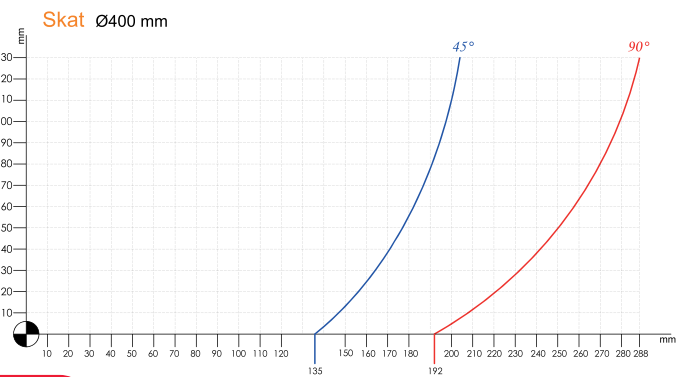
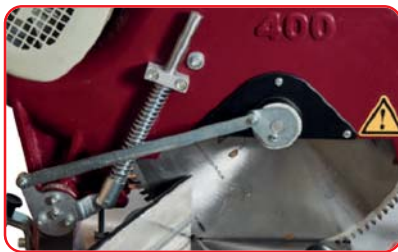
Crater - AP Ø500 mm



Skat-1

Portable Miter Saw Ø400 mm / 16"

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




- Gas spring system
- Stopping system absorbing rear impacts
- Cutting at standard angles and any intermediate angles
- Easy grip ergonomic handle
- Custom designed fork & turntable connection system, which ensures set square accuracy
- Thermal protection switch
- User friendly clamps. Can be tilted to any direction, tightened with one move

Standard

- 2 set mechanic clamp

Optional

- Saw blade
- Single-phase motor
- Conveyor
- Mechanic spring system

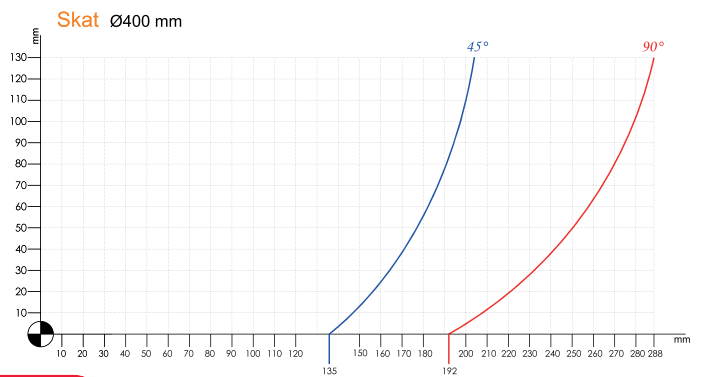
Skat-1								
ALU	PVC	WD	2.2kW, 3 HP 230 V - 400 V	D= 400 mm d= 30/32 mm	3000 r.p.m.	BAR AIR CONS.	68x90x79 cm	70



Skat-2

Manual Miter Saw Ø400 mm / 16"

atech®



- Gas spring system
- Stopping system absorbing rear impacts
- Cutting at standard angles and any intermediate angles
- Easy grip ergonomic handle
- Custom designed fork & turntable connection system, which ensures set square accuracy
- Thermal protection switch
- User friendly clamps. Can be tilted to any direction, tightened with one move

Standard

- 2 set mechanic clamp

Optional

- Saw blade
- Single-phase motor
- Conveyor
- Mechanic spring system

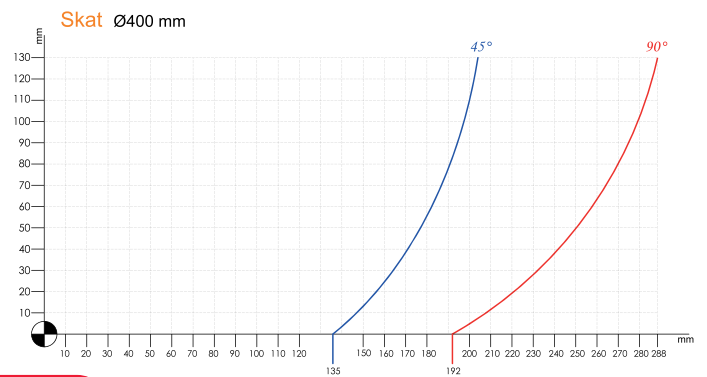
Skat-2								
ALU	PVC	WD	2.2kW, 3 HP 230 V - 400 V	D= 400 mm d= 30/32 mm	3000 r.p.m.	BAR AIR CONS.	68x90x163 cm	115



Skat-3

Manual Miter Saw Ø400 mm / 16"

atech®









- Gas spring system
- Stopping system absorbing rear impacts
- Cutting at standard angles and any intermediate angles
- Easy grip ergonomic handle
- Custom designed fork & turntable connection system, which ensures set square accuracy
- Thermal protection switch
- User friendly clamps. Can be tilted to any direction, tightened with one move

Standard

- 2 set pneumatic clamp
- Air blow gun

Optional

- Saw blade
- Single-phase motor
- Conveyor
- Mechanic spring system
- Vertical pneumatic clamps

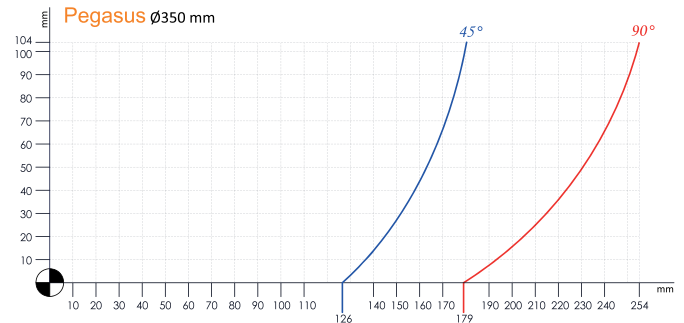
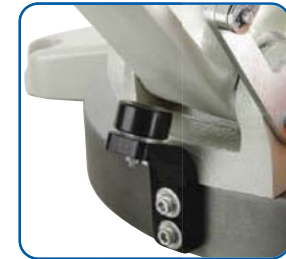
Skat-3								
ALU	PVC	WD	2.2kW, 3 HP 230 V - 400 V	D= 400 mm d= 30/32 mm	3000 r.p.m.	6-8 Bar 5 lt/min	68x90x163 cm	115



Pegasus-1

Portable Miter Saw Ø350 mm / 14"

atech®



- Gas spring system
- Stopping system absorbing rear impacts
- Cutting at standard angles and any intermediate angles
- Easy grip ergonomic handle
- Custom designed fork & turntable connection system, which ensures set square accuracy
- Thermal protection switch
- User friendly clamps. Can be tilted to any direction, tightened with one move

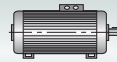
Standard

- 2 set mechanic clamp

Optional

- Saw blade
- Single-phase motor
- Conveyor
- Mechanic spring system

Pegasus-1



2.2kW, 3 HP
230 V - 400 V



D= 350 mm
d= 30/32 mm



3000 r.p.m.



BAR AIR CONS.



68x86x77 cm



70

ALU

PVC

WD



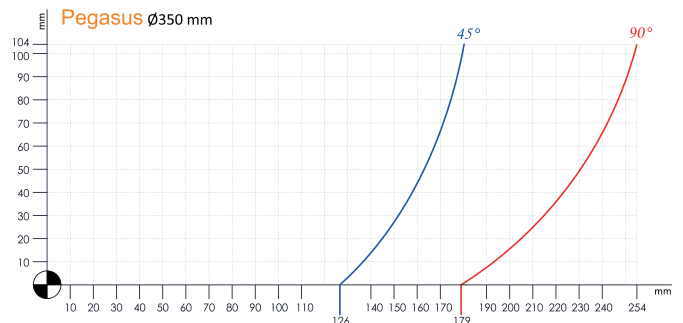
Pegasus-2

Manual Miter Saw Ø350 mm / 14"

atech®



- Gas spring system
- Stopping system absorbing rear impacts
- Cutting at standard angles and any intermediate angles
- Easy grip ergonomic handle
- Custom designed fork & turntable connection system, which ensures set square accuracy
- Thermal protection switch
- User friendly clamps. Can be tilted to any direction, tightened with one move



Standard

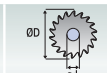
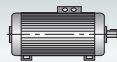
- 2 set mechanic clamp

Optional

- Saw blade
- Single-phase motor
- Conveyor
- Mechanic spring system



Pegasus-2



ALU

PVC

WD

2.2kW, 3 HP
230 V - 400 V

D= 350 mm
d= 30/32 mm

3000 r.p.m.

-

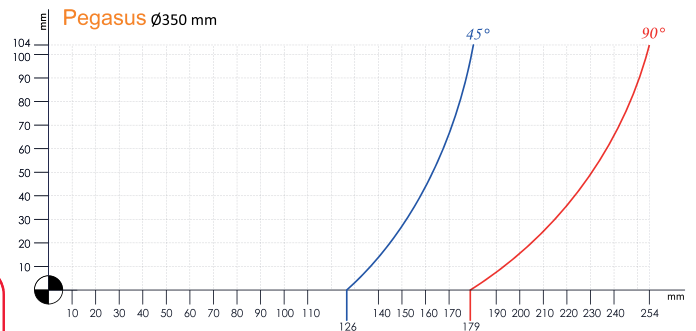
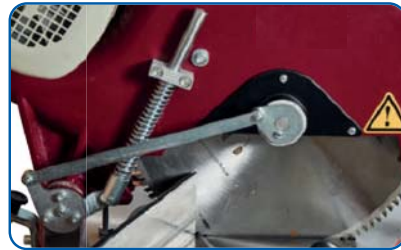
68x86x161 cm

115

Pegasus-3

Manual Miter Saw Ø350 mm / 14"

atech®



- Gas spring system
- Stopping system absorbing rear impacts
- Cutting at standard angles and any intermediate angles
- Easy grip ergonomic handle
- Custom designed fork & turntable connection system, which ensures set square accuracy
- Thermal protection switch
- User friendly clamps. Can be tilted to any direction, tightened with one move

Standard

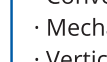
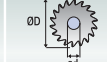
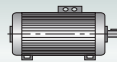
- 2 set pneumatic clamp
- Air blow gun

Optional

- Saw blade
- Single-phase motor
- Conveyor
- Mechanic spring system
- Vertical pneumatic clamp
- Spray mist lubrication system



Pegasus-3



ALU PVC WD

2.2kW, 3 HP
230 V - 400 V

D= 350 mm
d= 30/32 mm

3000 r.p.m.

6-8 Bar
5 lt/min

68x86x161 cm

115

Zigma

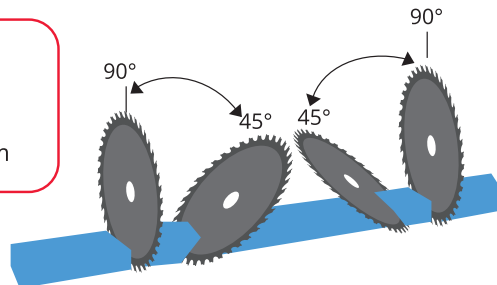
Double Head Saws Ø450 mm / 18"

atech®



For Ø 450 mm

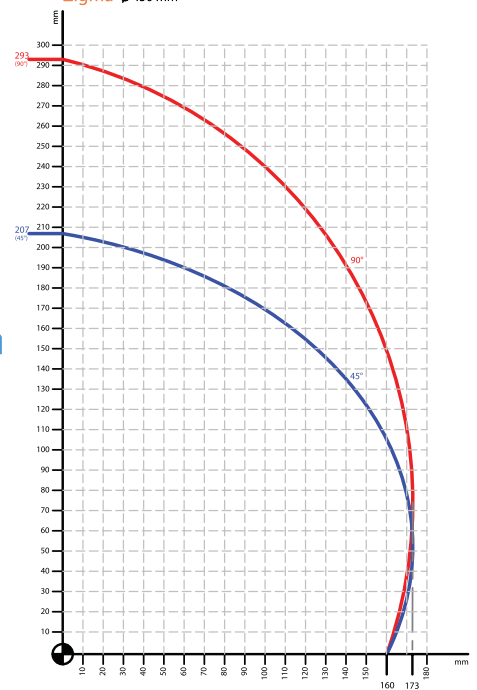
- 45° cutting capacity: 164x206 mm
- 90° cutting capacity: 164x291 mm
- Strok: min.350 mm, max.4100 mm



45° min. 480mm - 45° max. 4100mm
 90° min. 350mm - 90° max. 4100mm



Zigma Ø450 mm



Zigma



2x2.2 kW
400 V, 50/60Hz



D= 450 mm
d= 30/32 mm



3000 r.p.m.



BAR AIR CONS.
6-8 Bar
100 lt/min



630x173x199 cm



1250

ALU PVC WD

Zigma

Double Head Saws Ø450 mm / 18"

atech®



Standard

- 2 pcs. 450 mm saw blades
- 2x2 pcs. front clamps
- Air blow gun
- Additional conveyor on the movable unit
- Profile support device

Optional

- Spray mist lubrication system
- Chip collector manifold
- 3kW Electric motor

- It has been designed for straight and miter cut of aluminium and PVC profiles at any desired length.
- Both heads tilt to 45° and 90° angles automatically. Intermediate angle degrees can be adjusted manually
- Different versions are available
- The operator control panel is touch screen
- The cutting unit is hydro-pneumatic and the cutting speed can be adjusted precisely according to the material to cut
- Equipped with features of slicing, entering part quantity and programming
- Able to cut longer than the stroke
- Strong machine body
- Greater cutting range than other manufacturers
- Rail + Car system
- Servo motor movement
- Chip discharge manifold
- World brand components

Alya

Portable Miter Saw with Tilting Head
Ø305 mm / 12"

atech®



- Head can be tilted to the left and fixed at 45°
- Zero surface with no elevation difference to prevent sawdust from entering
- Cutting at standard angles and any intermediate angles
- Made by special aluminium (sigma) profile support miter system
- User friendly clamp. Can be tilted to any direction, tightened with one move

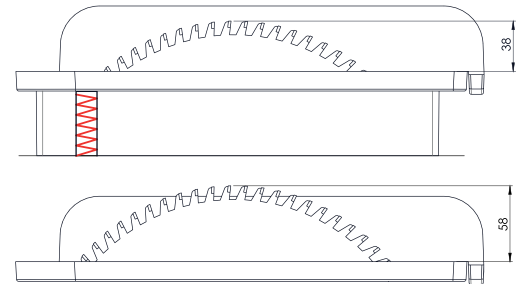
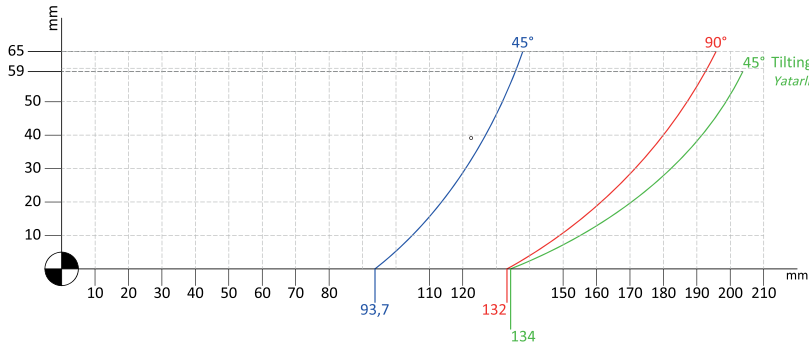
Standard


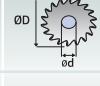



- 1 pc. mechanic clamp
- 1 unit support

Optional

- Saw blade
- Additional profile on desired length
- Clamp set
- 3-Phase motor

Alya Ø305 mm



Alya								
ALU	PVC	WD	0,8kW, 230 V 50-60 Hz	1,2kW 400 V	D= 305 mm d= 30/32mm	3000 r.p.m.	62x49x41 cm	28

Astra

Portable Miter Saw
Ø305 mm / 12"

atech®



- Zero surface avaiding insertion of sawdust
- Cutting at standard angles and any intermediate angles
- Made by special aluminium (sigma) profile support miter system
- User friendly clamp. Can be tilted to any direction, tightened with one move

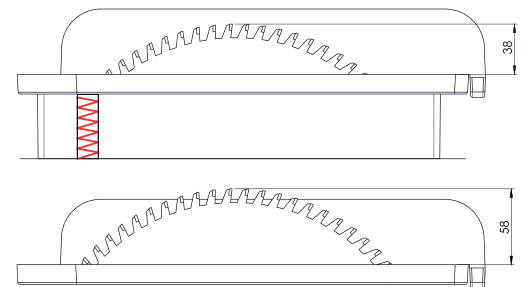
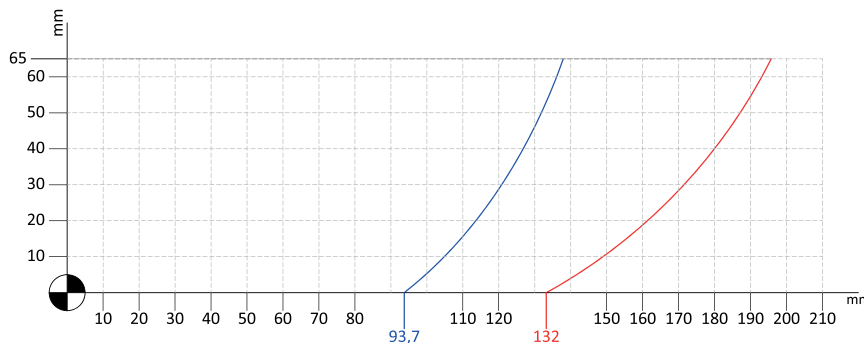
Standard

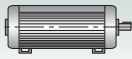


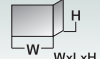

- 1 pc. mechanic clamp
- 1 unit support

Optional

- Saw blade
- Additional profile on desired length
- Clamp set
- 3-Phase motor

Astra Ø305 mm

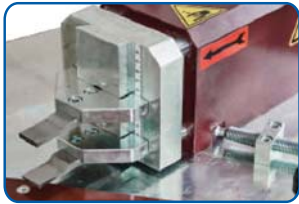


Astra								
ALU	PVC	WD						
			0,8kW, 230 V 50-60 Hz	1,2kW 400 V	D= 305 mm d= 30/32mm	3000 r.p.m.	62x49x41 cm	28

Apis

Hydraulic Corner Crimping Machine
For Aluminium Profiles

atech®



- Corner joining of aluminium profiles at 90°
- Clamps work pneumatically, the crimping knives work hydraulic
- Depth of adjustment can be precisely adjusted depending on profile thickness
- Works with different angles
- Height of crimping knives, advancing of hydraulic cylinders and profile stop can be millimetrically adjusted
- The centering plate and the stop fence return to start position after crimping automatically
- Powerful hydraulic piston (5000kg2)
- Dual foot pedal for crimping action and pneumatic clamps
- Machine surface is equipped with Fiber Fenol sheet to avoid scratching of profile surfaces

Working Data:

- Max crimping force 5000 Kg
- Knives stroke 65mm
- Bracing clamps stroke 130 mm
- Max crimping height 130 mm
- Horizontal operating range 130 mm
- Overall dimensions 910x1250x1050 mm








Standard

- 2 pcs. Conveyor
- 2 crimping knives of each size 3 mm, 5 mm and 7 mm

Optional

- Custom crimping knives se



Apis							
	1,6kW 50/60Hz	400V AC 3P PE	6/8 Bar Max: 100 Bar	5000 x 2 kg	Max: h:130mm	W:95 cm L:130 cm H: 115 cm	540
ALU							

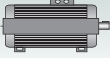


Trigon

Profile Bending Machine

atech®



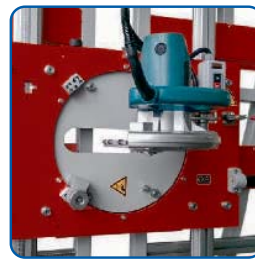
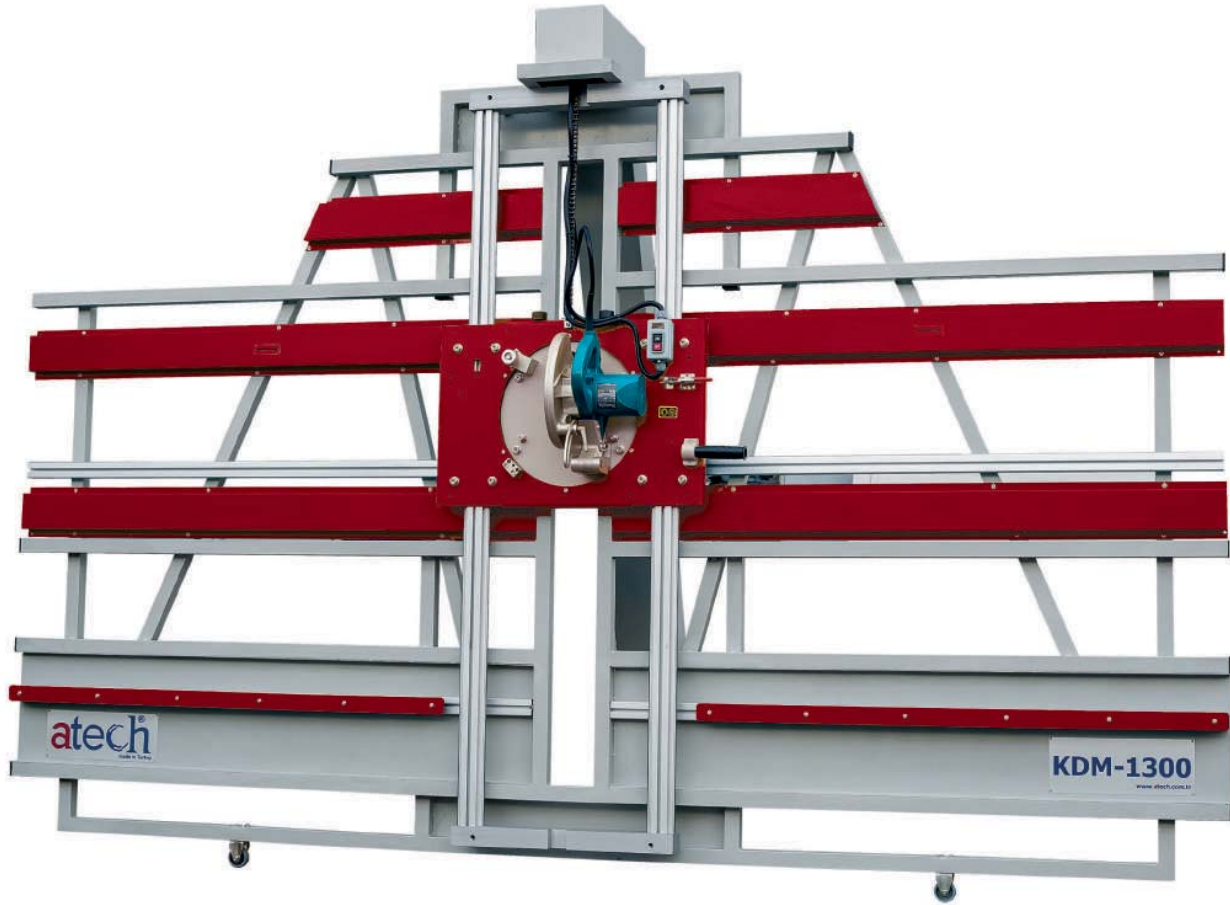
- Used to bend tubes in various shapes and diameters at desired diameters
- The rear two waltzes are directly driven by motor
- Standard waltz rolls are manufactured from DELRIN material. Different moulds can be optionally made
- Thanks to its 4 movable and braking wheels, it can be easily moved to any place

Trigon			
ALU	0,55 kW 230V, 50 Hz	63x60x49 cm	60 kg.

Optional
· Custom waltz rolls

KDM 1300/1500

Composite Panel Grooving and Dimensioning Saw



- For grooving and cutting tasks of composite panels
- It works on horizontal and vertical position
- Easy to move due its wheeled system
- Practical, functional and ergonomic design

Standard

- Grooving Blade

Optional

- Cutting blade

ALU PVC WD						
KDM 1300	2000 W 230 V, 50/60 Hz	D=200 Max. d=30 mm	4100 r.p.m.	L: 4000 mm H: 1300 mm h: 18 mm	330x110x220 (drop foot)	200
KDM 1500	2000 W 230 V, 50/60 Hz	D=200 Max. d=30 mm	4100 r.p.m.	L: 4000 mm H: 1500 mm h: 18 mm	330x110x240 (drop foot)	220

Libra-1 Pro

Portable Copy Router

atech®



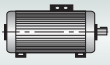





- Used for aluminium and PVC profiles
- Belt driven system (there is no graphite motor in used)
- For milling of lock, handle, hinge and espagnolette slots
- Can be used for special shapes by changing the template

Standard

- Router bit
- Copy template
- 2 pcs. mechanic clamps
- Profile support device

Optional

- Custom copy template

Libra-1 Pro						
ALU PVC	1,1 kW 230 V, 50/60 Hz	14000 r.p.m.	x=235 mm y=120 mm z=150 mm	-	55x46x62	38

Libra-2

Copy Router

atech®



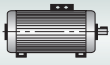





- Used for aluminium and PVC profiles
- Belt driven system (there is no graphite motor in used)
- For milling of lock, handle, hinge and espagnolette slots
- Can be used for special shapes by changing the template

Standard

- Router bit
- Copy template
- 2 pcs. mechanic clamps
- Profile support device

Optional

- Custom copy template
- 3 phase motor

Libra-2						
ALU PVC	1,1 kW 400-230 V, 50/60 Hz	14000 r.p.m.	x=235 mm y=120 mm z=150 mm	-	55x46x145	60



Libra-3

Copy Router

atech®



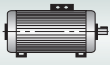





- Used for aluminium and PVC profiles
- Belt driven system (there is no graphite motor in used)
- For milling of lock, handle, hinge and espagnolette slots
- Can be used for special shapes by changing the template

Standard

- Router bit
- Copy template
- 2 pcs. pneumatic clamps
- Air blow gun
- Profile support device

Optional

- Custom copy template
- Spray mist lubrication system
- 3-Phase motor

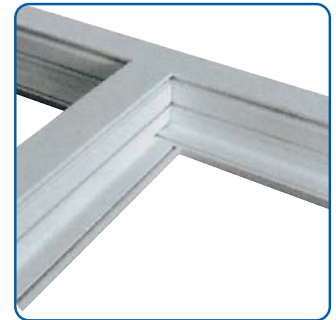
Libra-3						
ALU PVC	1,1kW 400-230 V, 50/60 Hz	14000 r.p.m.	x=235 mm y=120 mm z=150 mm	6-8 Bar 5 lt/min	W WxLxH	kg 60



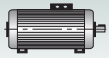






Tucana-1

Portable End Milling Machine

atech®



• For aluminium & PVC mullion profiles

Tucana-1							
ALU PVC	800W 230 V, 50 Hz	D=130 Max. d=30 mm	3000 r.p.m.	80 mm	-	35x51x42	30

Optional

- Notching cutter
- Custom clamp fixture for profile

Tucana-3

End Milling Machine



· For aluminium & PVC mullion profiles

Tucana-3							
ALU PVC	800 W 400-230 V, 50/60 Hz	D=130 Max. d=30 mm	3000 r.p.m.	80 mm	BAR AIR CONS. 6-8 Bar 5 lt/min	60x44x43 WxLxH	33 kg

Optional

- Notching cutter
- Spray mist lubrication system
- Custom clamp fixture for profile

Tucana-4

Automatic End Milling Machine

atech®



• For aluminium & PVC mullion profiles

Tucana-4 ALU PVC						
	800 W 400-230 V, 50/60 Hz	D=130 Max. d=30 mm	3000 r.p.m. 80 mm	BAR AIR CONS. 6-8 Bar 5 lt/min	WxLxH 60x44x128	kg 62

Optional

- Notching cutter
- Spray mist lubrication system
- Custom clamp fixture for profile

KN-M

Idle Conveyor

atech®



- Linear system, manual fence

KN-D

Digital Conveyor



- Can be delivered at any desired length
- Sheet closing is optional

ASP-300/600

Infeed & Outfeed Tables 300-600 cm

atech®



- It is a PLC controlled conveyor. It helps to cut the window glass profile lath to the desired dimensions precisely in the cutting machines
- Manual or automatic operation
- 10 " touch screen
- Manual or computer recipe creation
- Easy program transfer with USB memory
- Possibility to change the cutting list on the screen
- Parts are ordered and cut according to the data sent from the measuring bar
- Production in special dimensions according to demand

Standard Size

- 300cm
- 600cm

Optional

- Custom clamp fixture for profile

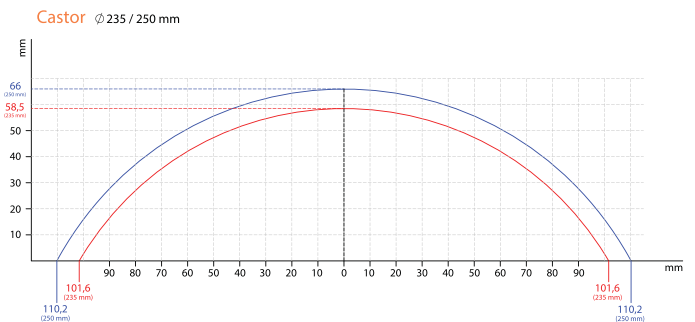
Castor

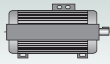




Portable Miter Saw for Parquet

atech®



- Portable, practical and light weight
- Suitable for cutting parquet, chipboard and hard wood material
- 1pc. Ø235 mm saw blade



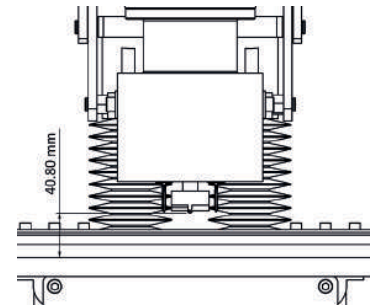
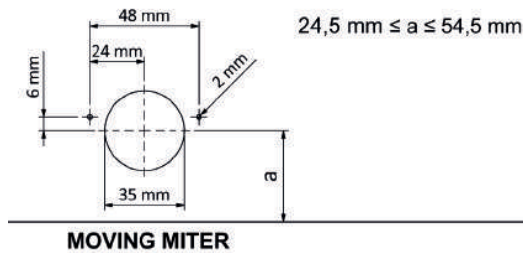
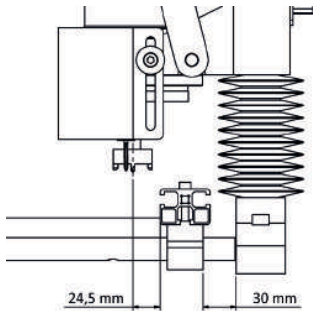
Castor					
WD	0,55 kW 230V, 50/60 Hz	D=235 mm d=30 mm	3000 r.p.m.	37x37x34 cm	18 kg

Optional
• Ø235 mm saw blade

Luna-1

Hinge Slot Milling Machine for Wood-Manual

atech®



- 2 pcs. user friendly material support
- User friendly adjustable depth distance
- Adjustable and extendable fence profile system
- Opens reference holes for screwing during milling operation

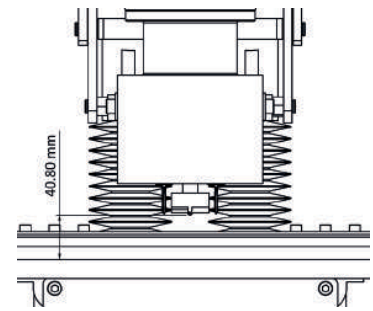
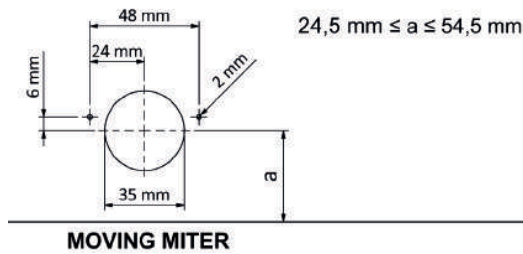
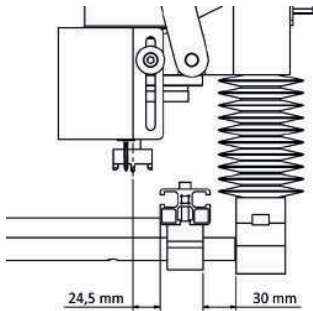
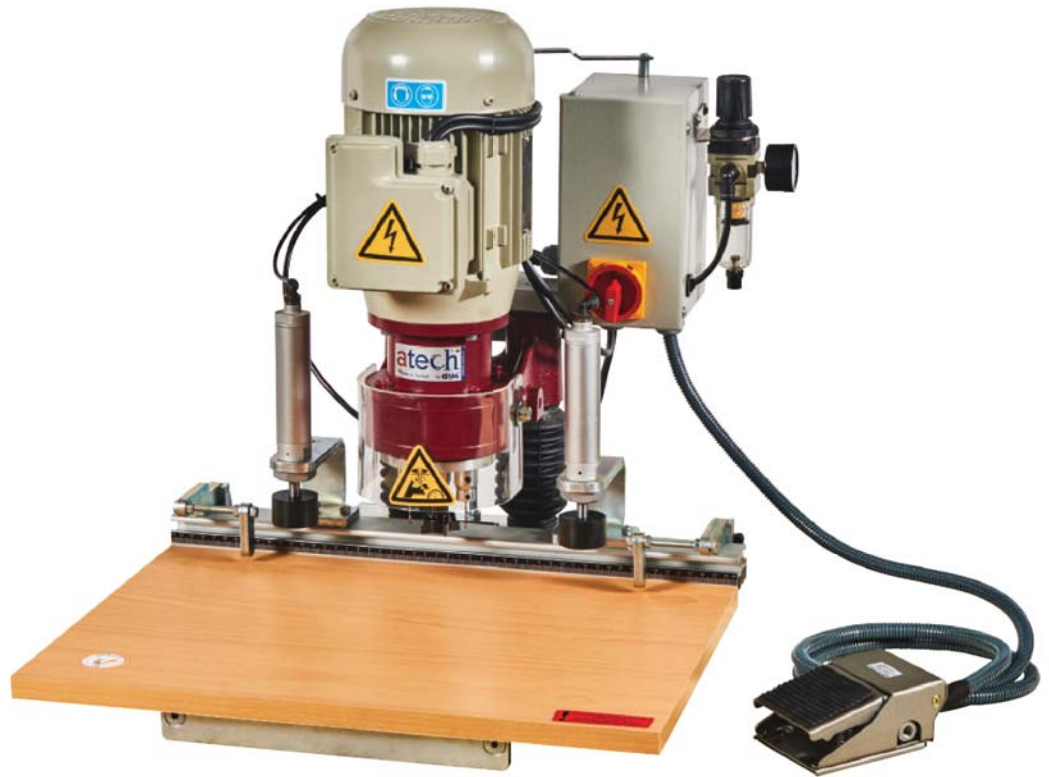
Standard

- 1pc Hinge milling drill bit
- 2 drill bits

Luna-1				
WD	0,55kW 230 V, 50 Hz	BAR AIR CONS.	55x50x55	25

Luna-2

Hinge Slot Milling Machine for Wood-Automatic



- 2 pcs. user friendly material support
- User friendly adjustable depth distance
- Adjustable and extendable fence profile system
- Opens reference holes for screwing during milling operation
- Compressed air cleaning of saw dust

- Standard**
- 1pc Hinge milling drill bit
 - 2 drill bits

Luna-2					
WD	0,55 kW 230 V, 50 Hz	BAR AIR CONS. 6-8 Bar 5 lt/min	55x50x55	33	



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