

## Base Fuse Manipulator

**Base cutter**



**Fuse cutter**



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Manipulator for cutting of the bomb base incl. cutting upper part.

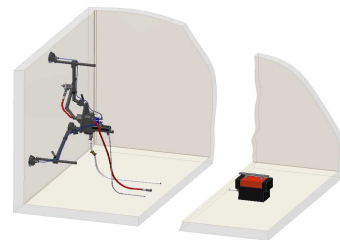
Working area	Base cutter: cuts of Ø 200-500 mm (7.87-19.69 inch) Fuse cutter: cuts of Ø 20-150 mm (0.79-5.91 inch)
Drive	hydraulic driven
Material	aluminium predominantly
Traverse speed	30-300 mm (1.18-11.81 inch)/min (depending on the cutting diameter)
Weight	Base cutter: 17 kg (37.48 lb) Fuse cutter: 13 kg (28.66 lb)
Adapter flange	3 different sizes (Ø 30-300 mm / 1.18-11.81 inch)
Spacer	4 different sizes (can be combined)
Nozzle holder for cutting fuses of fuse cutter	different diameters (Ø 20-150 mm / 0.79-5.91 inch) according to customers request

## Circular Cutter

Application for circular cutting holes by WAS cutting



**Option:  
 Universal Fixing Module  
 for Circular Cutter**



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## Circular Cutter

Working area	diameter 0-250 mm (0-9.84 inch)
Controls	axis selection, direction selection, speed control
Material	aluminium
Traversing speed	10-400 mm (0.39-15.75 inch)/min
Space requirement (Ø x H)	730 mm x 560 mm (28.74 x 22.05 inch)
Drive	brushless DC motor
Weight	10 kg (22.05 lb)
Size transportation and storage case (L x W x H)	825 x 520 x 290 mm (32.48 x 20.47 x 11.42 inch)

## Control panel

Electric Power	24 V, 3300 mAh, 2 battery packs
Cable length	15 m (49.21 ft) other lengths on request, up to 200 m (656.17 ft)
Weight	5 kg (11.02 lb)
Size transportation and storage case (L x W x H)	340 x 295 x 150 mm (13.39 x 11.61 x 5.91 inch)

## Universal Fixing Module for Circular Cutter

Working area	diameter 250-800 mm (9.84-31.5 inch)
Material	aluminium
Space requirement (Ø x H)	1400 mm x 750 mm (55.12 x 29.53 inch)
Vacuum pump	230 V AC / 270 W suction performance 75 l (19.81 US gallon)/sec
Suction force per foot base plate	up to 500 N
Weight	10 kg (22.05 lb) (+ 6.5 kg (14.33 lb) vacuum pump)
Vacuum hose length	2 x 25 m (82.02 ft) (other lengths on request)
Size transportation and storage case (L x W x H)	825 x 520 x 290 mm (32.48 x 20.47 x 11.42 inch)

## Multiflex Circular Cutter Plus

Cutting tool for the cutting of circular holes by WAS with the possibility of gripping and extracting the part out of the body.



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Working area (cutting diameter without cone)	20-150 mm (0.79-5.91 inch)
Adjustable range: - vertical bending range - vertical linear range	+80° to -45° (=125°) 200 mm (7.87 inch)
Axis	rotation, z-axis, gripper
Drive	hydraulic
Material	aluminium, stainless steel, brass, plastic
Traverse speed	10-300 mm (0.39-11.81 inch)/min (depending on the cutting diameter)
Weight	app. 40 kg (88.18 lb)
Size (L x W x H)	900 x 800 x 900 mm (35.43 x 31.5 x 35.43 inch)
Nozzle holder with fixed diameter	different diameters available

## Vacuum Circular Cutter

Cutting circular holes by using the WAS technology.

The manipulator can be attached on clean, even and plain surfaces (e.g. cars) by a vacuum sucker (manually locked).



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## Technical Data

Cutting tool for	midi MACE
Working area	Circular holes with fixed cutting heads, according to customer request. Maximum diameter 100 mm
Fields of application	Cutting thin sheet, glass, acryl glass, polycarbonate. The surface has to be clean, even and plain. horizontal and vertical application.
Weight	3,5 kg
Measurements (L x W x H)	414 mm x 187 mm x 282 mm