



The perfect preparation for orbital welding!



Square, burr-free and deformation-free pipe end – ideal for pressfitting applications



Second saw blade position to cut off elbows



Powerful drive with electronic overload protection and ergonomically designed motor handle



Cast iron clamping jaws – stainless steel caps optional available



Integrated line laser to mark the cut off point

Pipe Cutting and Beveling Machine GFX 3.0

GFX Pipe Cutting and Beveling Machines

- Square, burr-free and cold machining process
- Deformation-free clamping system especially applicable for thin-walled tubes
- Easy handling through light weight
- Simultaneous or separate cutting and beveling
- Increased productivity
- Low-maintenance and service friendly
- Environmentally friendly and long product life
- Second saw blade position to cut off elbows
- Ideal for pressfitting applications

GFX 3.0

New, innovative saw from Orbitalum Tools for cutting and beveling of tubes and elbows in just seconds. The perfect preparation for orbital welding! Easy to use, powerful and compact saw with low weight – our new GFX 3.0 provides even more outstanding features:

- Optimized chip flow due to a new vice design
- Cast iron clamping jaws
- Integrated line laser to mark the cut off point
- Ergonomically designed motor handle
- Powerful drive with 1.2 kW and adjustable speed control for cutting several materials and extended tool life
- Electronic overload protection with integrated temperature monitor and electronic speed regulation
- Increased durability of tools due to the new drive GF10
- Ergonomically positioned speed control adjusting wheel
- Swivel cable with a quick-disconnect coupler for easy and quick replacement of power cables
- Directly mountable to the work bench

Machine comes with:

- 1 Pipe Cutting and Beveling Machine GFX 3.0
- 1 Transportation case
- 1 Saw blade (Code 790 041 035)
- 1 Tool set
- 1 Tube of saw blade lubricant GF TOP (Code 790 060 228)
- 1 Set of operating instructions and spare parts list



GFX 3.0



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Application range	with tubes	with bars
Tube OD min.-max.	6.0 - 78.0 mm	6.0 - 16.0 mm
(saw blade Ø 63 mm/2.480 inch)	0.236 - 3.071 inch	0.236 - 0.630 inch
Tube OD min.-max.	6.0 - 73.0 mm	6.0 - 21.0 mm
(saw blade Ø 68 mm/2.677 inch)	0.236 - 2.874 inch	0.236 - 0.827 inch
Wall thickness min.-max.	0.8 - 5.5 mm	–
(saw blade Ø 63 mm/2.480 inch)	0.032 - 0.217 inch	–
Wall thickness min.-max.	0.8 - 7.0 mm	–
(saw blade Ø 68 mm/2.677 inch)	0.032 - 0.276 inch	–
Tube materials	Unalloyed, low-alloy and high-alloy steel, stainless steel, non-ferrous metal, aluminum alloy, titanium alloy, composite material and plastic	
Technical data	Electric drive with single-phase AC motor	
Dimensions (l x h x b)	570 x 280 x 330 mm / 22.441 x 11.024 x 12.993 inch	
Protection class	Class II	
Power	1200 W	
Built-in electronic speed regulation with speed stabilisation	30 - 200 rpm	
Vibration level in accordance with 50144	< 2.5 m/s ²	

Article	Version	Code	Weight of machine kg	Dispatch weight kg
GFX 3.0	230 V, 50/60 Hz EU	790 144 001	28.500	44.000
GFX 3.0	120 V, 50/60 Hz US	790 144 002	28.500	44.000

Accessories for GFX 3.0

Set of stainless steel caps

Ideal for preparing stainless steel tubes. Prevents contact corrosion between tube and clamping parts. Clamping shells for thin-walled tubes are available on request.

Set comes with:

- 6 Stainless steel caps
- 12 Countersunk screws
- 1 Allen key

Article	Code	kg
Set of stainless steel caps for GFX 3.0	790 144 200	0.150



Set of stainless steel caps

Quick-mounting base plates

With and without integrated screw clamps for quick mounting of the machine on work benches, see page 23.

Durable storage and shipping case

High-quality padded blue shipping case.

Article	Code	kg
Durable storage and shipping case for GFX 3.0	790 144 019	12.500



Durable storage and shipping case