

NEW!

# GFX 3.0

## Pipe Cutting and Beveling Machine

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:

### Advantages:

- Ideal for press fitting applications
- Square, burr-free and cold machining process
- Deformation-free clamping system especially applicable for thin-walled tubes
- Optimized chip flow due to a new vice design
- Hardened cast iron clamping jaws
- Integrated laser pointer 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
- Ergonomically positioned speed control adjusting wheel
- Swivel cable with a quick-disconnect coupler
- Second saw blade position to cut off elbows
- Simultaneous or separate cutting and beveling
- Easy handling through light weight

### Your benefits:

- Cost-effective
- Increased productivity
- Long tool life
- Increased durability of tools
- Low-maintenance und service friendly
- Environmental friendly



Square, burr-free and deformation-free pipe end – ideal for press fitting applications!



Second saw blade position to cut off elbows.



Powerful drive with overload protection and ergonomically designed motor handle.



Hardened cast iron clamping jaws – stainless steel caps optional available.

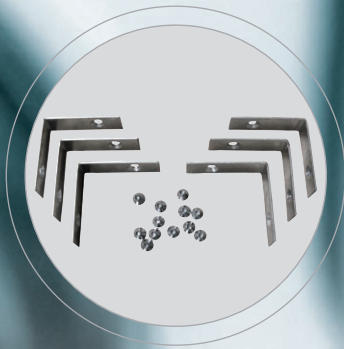


Integrated laser pointer to mark the cut off point.



Swivel cable with a quick-disconnect coupler.

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**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.



**Quick-mounting base plate without screw clamps.**

Complete with screws and nuts to mount the GFX 3.0 on a work bench.



**Quick-mounting base plates with integrated screw clamps**

for quick mounting of the machine on work benches. Ideal for frequent changes of location.



**Durable storage and shipping case:** high-quality padded blue shipping case.

## Pipe Cutting and Beveling Machine GFX 3.0

### Order details

GFX 3.0 (230 V, 50/60 Hz EU)

Code 790 144 001

GFX 3.0 (120 V, 50/60 Hz US)

Code 790 144 002

### Application range

#### Pipe OD min.-max.

#### Saw blade-Ø

#### Wall thickness min.-max.

	Pipe OD min.-max.		Saw blade-Ø		Wall thickness min.-max.	
	[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
Pipes	6.0 - 78.0	0.236 - 3.071	63	2.480	0.8 - 5.5	0.032 - 0.217
	6.0 - 73.0	0.236 - 2.874	68	2.677	0.8 - 7.0	0.032 - 0.276
Bars	6.0 - 16.0	0.236 - 0.630	63	2.480	-	-
	6.0 - 21.0	0.236 - 0.827	68	2.677	-	-

Pipe Materials

Unalloyed steel, low alloy steel, high alloy steel, stainless steel, nonferrous metal, aluminum alloy, titanium alloy, composite material and plastic.

### Technical data

#### Electric drive with single-phase AC motor

Dimensions (LxHxD)	[mm]	570 x 280 x 330
	[inch]	22.441 x 11.024 x 12.993
Weight (without clamping shells)	[kg]	28.1
	[lbs]	62.04
Protection class		II
Voltage	[V, Hz]	230 V, 50/60 Hz EU or 120 V, 50/60 Hz US
Power	[W]	1200
Nominal speed range	[rpm]	30 - 200
Vibration level (EN 50144)	[m/s <sup>2</sup> ]	< 2.5

### Included with the machine

1 Pipe Cutting and Beveling Machine GFX 3.0 • 1 Durable storage and shipping case • 1 Saw blade (Code 790 048 072) • 1 Tool set • 1 Tube of saw blade lubricant GF TOP (Code 790 060 228) • 1 Set of operating instructions and spare parts list

Stamp of distributor:

*The technical data is non-binding.  
It does not include any assurance of properties.  
Subject to change.  
Our general terms and conditions apply.*

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