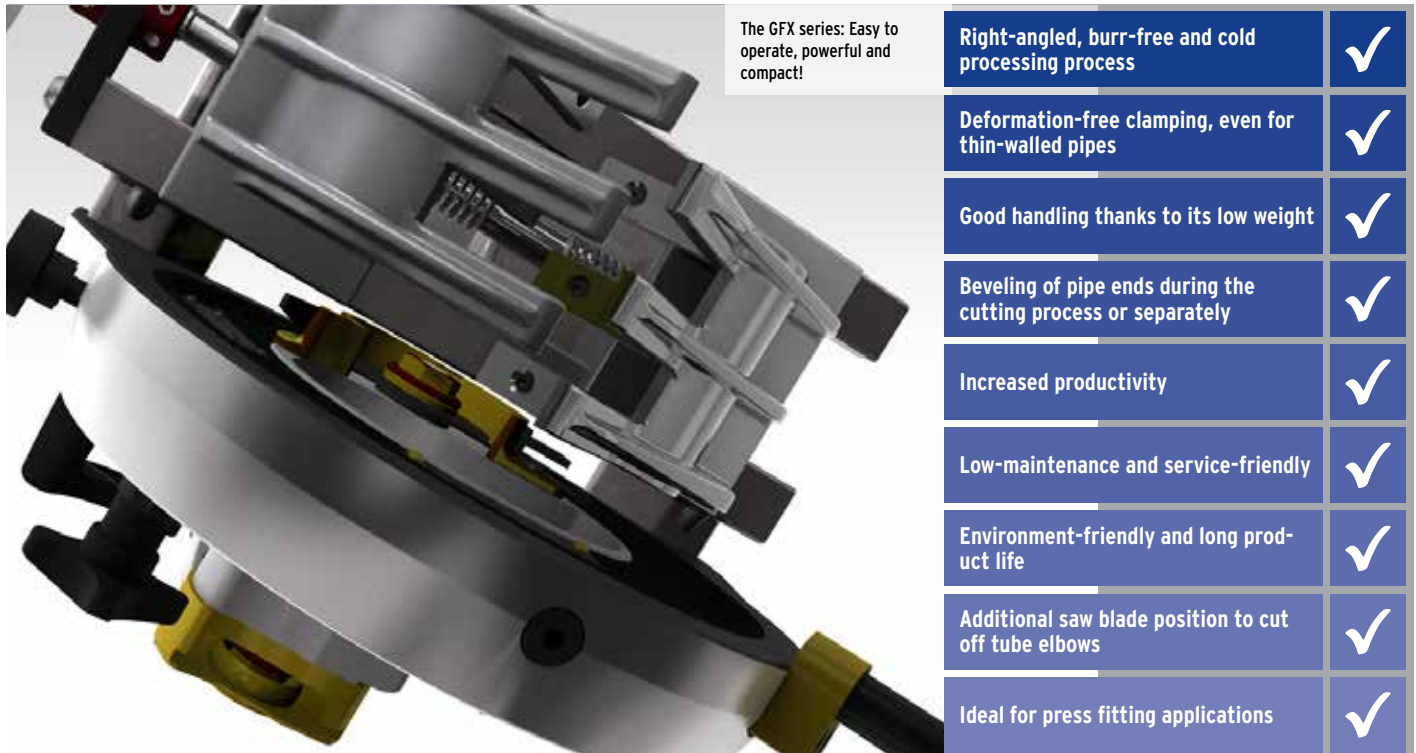


# GFX 3.0, GFX 6.6

## Pipe cutting and beveling machines

Innovative saws by Orbitalum Tools for cutting and beveling pipes and for cutting off tube elbows (even for thin-walled special steel) in just seconds. Optimum preparation for the automated welding process! The GFX is an easy to operate, powerful and compact saw with low weight - convince yourself of the many outstanding features of this machine.



The GFX series: Easy to operate, powerful and compact!

Right-angled, burr-free and cold processing process	✓
Deformation-free clamping, even for thin-walled pipes	✓
Good handling thanks to its low weight	✓
Beveling of pipe ends during the cutting process or separately	✓
Increased productivity	✓
Low-maintenance and service-friendly	✓
Environment-friendly and long product life	✓
Additional saw blade position to cut off tube elbows	✓
Ideal for press fitting applications	✓

**Our GFX series is ideal for cutting thin-walled tubes. Due to the rugged design for a long product life the saws are especially economical; long tool lives also increase productivity.**

The GFX is low-maintenance and service-friendly and offers a large area of application. Processable materials include unalloyed, low-alloyed and high-alloyed steel, special steel, non-ferrous metal aluminum alloys and titanium alloys.

As is meanwhile characteristic for the ORBITALUM pipe saws, they allow convenient marking of the cut-off point on the tube with a line laser. A second saw blade clamping point enables tube elbows to be cut off.

The powerful motor is equipped with overload protection and ergonomic handles and is available for the voltages 230 V, 50/60 Hz or 120 V, 50/60 Hz.

The cable connection with a quick-release screw coupler enables simple, convenient replacement of the flexible swivel cable.

The applications lie mainly in the food processing, beverage, pharmaceutical and chemical industries.

### ADDITIONAL ADVANTAGES:

- Optimized chip flow due to new vice design
- Steel sliding clamping jaws with sets of stainless steel caps
- Integrated line laser to mark the cut-off point
- Ergonomically designed motor handle
- Drive with high performance (1,200 W) and adjustable speed range for cutting a wide range of materials
- Electronic overload protection with integrated temperature monitor and tachometer control
- Increased service life of the tools through the new GF10 drive

- Ergonomically positioned speed adjusting wheel
- Plug connection with a quick-disconnect coupler: easy and quick replacement of the swivel cable
- Direct mounting on workbench possible at GFX 3.0



Including second saw blade position to cut off tube elbows



Including steel sliding clamping jaws with sets of stainless steel caps



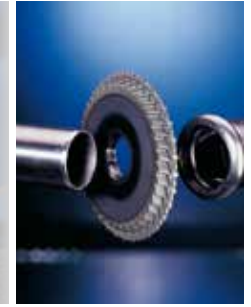
Integrated line laser for cut-off marking on the pipe



Powerful motor with overload protection and ergonomic handles



Including GF TOP saw blade lubricant



Right-angled and burr-free processing - ideal for press fitting applications

APPLICATION AREA		GFX 3.0	GFX 6.6
Code	[230 V] [120 V]	790 144 001 790 144 002	790 146 001 790 146 002
Pipe OD	[mm] [inch]	6.0 - 78.0 0.236 - 3.071	21.3 - 168.3 0.838 - 6.659
Wall thickness	[mm] [inch]	0.8 - 7.0 0.031 - 0.275	0.8 - 7.0 0.031 - 0.275
Pipe ID min. (saw blade Ø 63/2.248")	[mm] [inch]	0 0	23.0 0.905
OD range (saw blade Ø 63/2.248")	[mm] [inch]	6.0 - 78.0 0.236 - 3.071	24.6 - 168.3 1.008 - 6.659
Pipe ID min. (saw blade Ø 68/2.677")	[mm] [inch]	0 0	18 0.708
OD range (saw blade Ø 68/2.677")	[mm] [inch]	6.0 - 73.0 0.236 - 2.874	21.3 - 168.3 0.838 - 6.659
Pipe ID min. (saw blade Ø 80/3.149")	[mm] [inch]	- -	6.0 0.236
OD range (saw blade Ø 80/3.149")	[mm] [inch]	- -	21.3 - 156.0 0.838 - 2.205
Materials		Unalloyed, low-alloyed and high-alloyed steel, special steel, non-ferrous metal aluminum alloys and titanium alloys, composites, plastic	
TECHNICAL SPECIFICATIONS		GFX 3.0	GFX 6.6
Dimensions (LxWxH)	[mm] [inch]	570 x 330 x 280 22.44 x 12.99 x 11.02	575 x 350 x 671 22.64 x 13.78 x 26.42
Weight incl. vice	[kg] [lbs]	28.5 62.83	74.4 164.02
Power	[W]	1200	1200
Protection class	[Class]	II	II
Built-in electronic speed regulation with speed stabilization	[rpm]	30 - 200	30 - 200
Versions (single-phase alternating current)	[V, Hz] [V, Hz]	230 V, 50/60 Hz EU 120 V, 50/60 Hz US	230 V, 50/60 Hz EU 120 V, 50/60 Hz US
Vibration level (EN 50144)	[m/s <sup>2</sup> ]	< 2.5	< 2.5
Sound pressure level at the workplace (EN 23741)	[dB (A)]	79.7	79.7
SCOPE OF DELIVERY		GFX 3.0	GFX 6.6
Pipe cutting and beveling machine	PCS	1	1
Transportation case	PCS	1	1
Saw blade (Code 790 ...)	PCS	1 (...041 035)	1 (...042 064)
Quick-mounting plate without screw clamps*	PCS	-	1
Line laser with holder and fastening screws and 10 button cells 1.5 V (Code 790 142 124)**	PCS	1	1
Tool key set	set	1	1
Saw blade lubricant GF TOP (Code 790 060 228)	Tube	1	1
Operating instructions with spare parts list	set	1	1



GFX 3.0, GFX 6.6

Technical specifications are non-binding. They do not constitute any assurance of properties. We reserve the right to make changes.

- \* The GFX 3.0 can be mounted directly on the workbench without a quick-mounting plate. Quick-mounting plates with screw clamps for GFX 3.0 and GFX 6.6 are available optionally.
- \*\* The line laser has to be mounted on the GFX before commissioning.