



ULTIMATE SPLIT

ULTIMASTER®

ULTIMATE SPLIT 3

ORBITAL TUBE CUTTING SAW

Ø 0.196" to 3.5" (5 mm to 88.9 mm)



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FOR VARIOUS APPLICATIONS FOR DIFFERENT AREAS



SHIPBUILDING



BOILER APPLICATIONS



PIPELINE ENGINEERING



TUBE PROCESSING



AEROSPACE INDUSTRY



FOOD INDUSTRY



PHARMACEUTICAL INDUSTRY



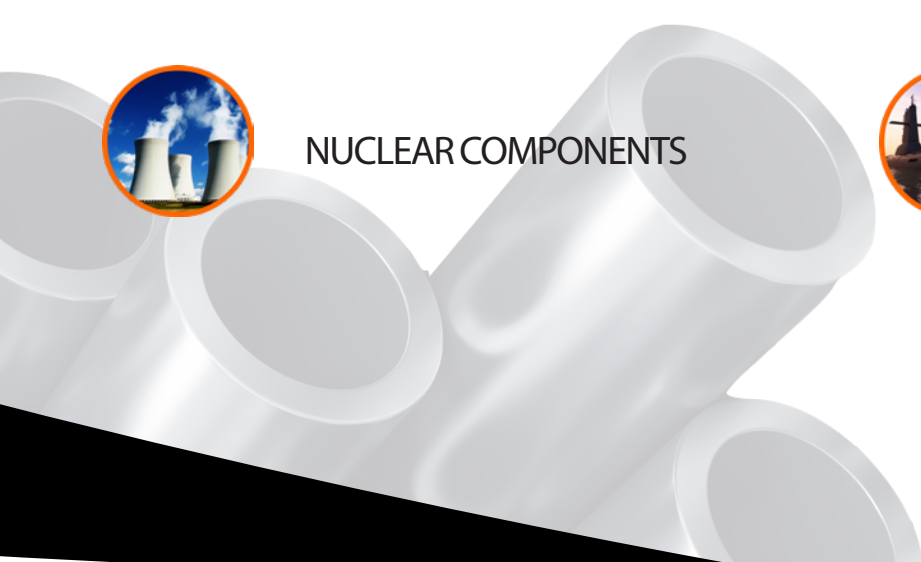
OIL & GAS INDUSTRY



NUCLEAR COMPONENTS

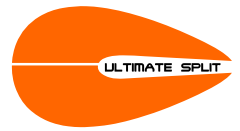


DEFENCE INDUSTRY



ORBITAL TUBE CUTTING SAW

Ø 0.196" to 3.5" (5 mm to 88.9 mm)



The Ultimate Split 3 orbital cutting machine is used for cutting tubes made of virtually all materials having diameters ranging from 0.196" (5 mm) to 3.5" (88.9 mm) and wall thicknesses ranging from 0.04" (1 mm) to 0.27" (7 mm).

It enables the cutting of pipes without any deformation thanks to its concentric clamping system. The cut is absolutely perpendicular and burr-free. The adjustment to the different diameters is very simple and fast.

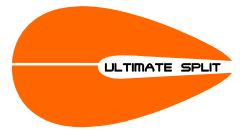
The Ultimate Split 3 is the orbital cutting saw you need for all your welding preparation works on-site or in the workshop.

Various motorization options are available: electric or pneumatic.



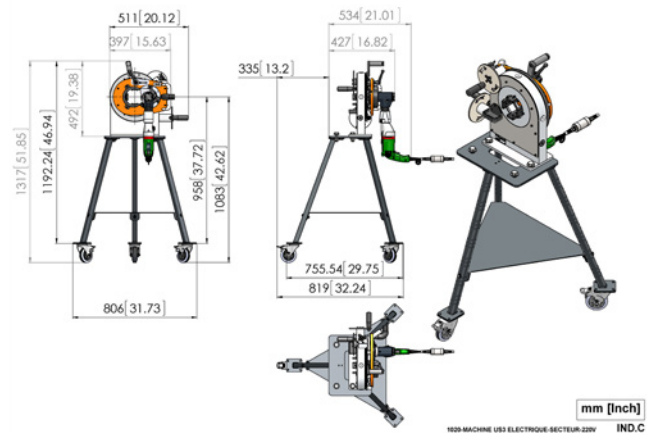
ORBITAL TUBE CUTTING SAW

Ø 0.196" to 3.5" (5 mm to 88.9 mm)



The orbital cutting process used for the US3 provides a lot of advantages:

- Perpendicular cut
- Automatic centering onto the pipe
- Perfect concentric clamping
- Burr-free cut
- No Vibration
- No heat-affected zone
- Excellent preparation for mechanised welding processes
- Rigidity, ergonomic design, flexibility, reliability
- Suitable for all types of steel: mild steel, stainless steel, duplex, super duplex, inconel, hastelloy, aluminium, copper, titanium

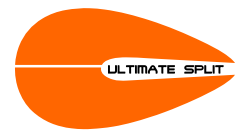


ULTIMASTER orbital pipe cutting units are the ideal solution for your on-site jobs. These machines are also perfectly suited for prefabrication workplaces and they can be used under severe conditions (extreme temperatures, high humidity, ionizing radiations)



ORBITAL TUBE CUTTING SAW

Ø 0.196" to 3.5" (5 mm to 88.9 mm)



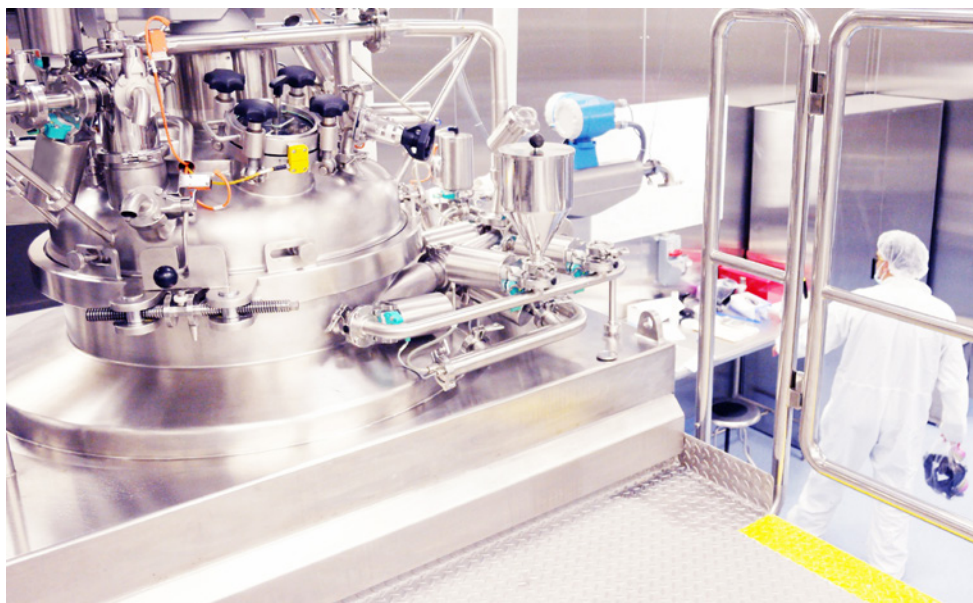
Machine

US3

| | |
|------------|-------------------------------------|
| Weight | ~ 43 kg (94.8lb) |
| Engine | Electric |
| Power | 780W |
| Clamping | Manually |
| RPM Engine | 21.5 - 71.5 rp/min, Speed converter |
| Capacity | 0.196" (5 mm) to 3.5" (88.9 mm) |

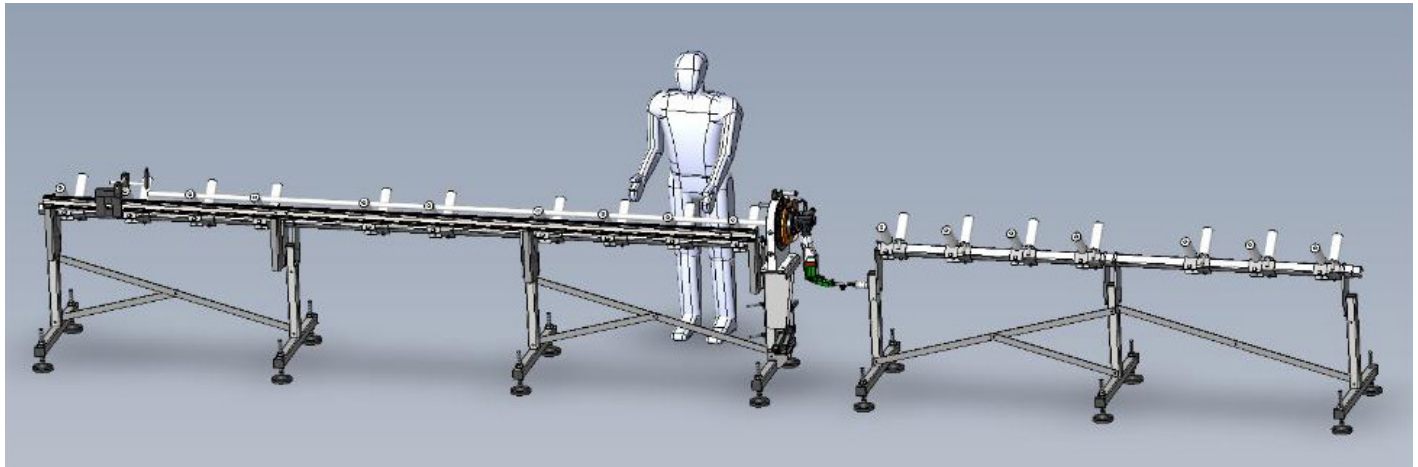


| Order No. | Description |
|-----------|--|
| US3-1000 | Orbital Cutting Saw with Pneumatic Drive and with Clamping Jaws for Ø 0.196" - 3.5" (5mm - 88.9mm) |
| US3-1020 | Orbital Cutting Saw with Electric Drive 220V for Ø 0.196" - 3.5" (5mm - 88.9mm) |
| US3-1040 | Orbital Cutting machine with Electric Drive 110 V for Ø 0.196" - 3.5" (5mm - 88.9mm) |



ORBITAL TUBE CUTTING SAW - OPTIONS

Ø 0.196" to 3.5" (5 mm to 88.9 mm)



1. Roller conveyor - downstream module

- Length 1500 mm
- Maximum load capacity of 200 kg
- Height adjustable for different pipe diameters
- Manual screw operating system
- Simple installation

| Order No. | Description |
|-----------|-------------------------------------|
| US6-3100 | Roller conveyor - downstream module |

2. Roller conveyor - upstream module

- Length 1500 mm
- Maximum load capacity of 200 kg
- Fixed height
- Simple installation

| Order No. | Description |
|-----------|-----------------------------------|
| US6-3200 | Roller conveyor - upstream module |

3. Roller conveyor - additional module

- Length 1500 mm
- Maximum load capacity of 200 kg
- Fixed height
- Simple installation

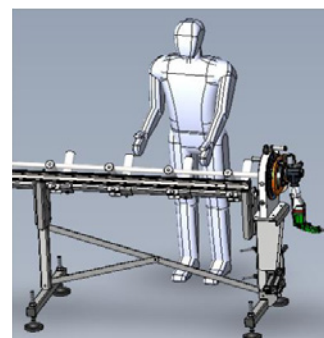
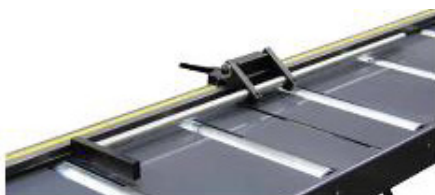
| Order No. | Description |
|-----------|-------------------------------------|
| US6-3400 | Roller conveyor - additional module |

4. Adjustment stop

Different types of rollers possible depending on the configuration of the tubes to be cut:

- Steel rollers (basic version)
- Urethane coated rollers

| Order No. | Description |
|-----------|--|
| US6-3300 | Cylindrical steel roller for conveyor |
| US6-3301 | Cylindrical roller steel coated. Urethane for conveyor |
| US6-2400 | Adjustment stop |



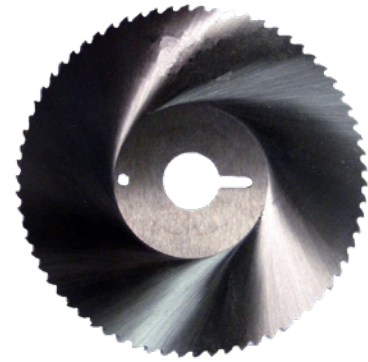
ORBITAL TUBE CUTTING SAW - OPTIONS

Ø 0.196" to 3.5" (5 mm to 88.9 mm)



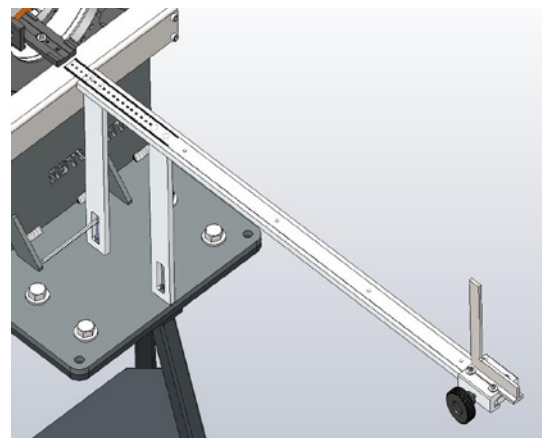
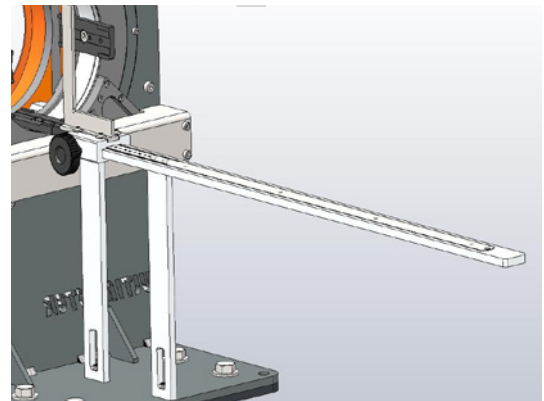
Cutting Blades:

| Order No. | Description |
|------------|--|
| US-LC-1803 | Saw blade - 80 teeth for wallthickness 0.039" - 0.118" (1-3mm) |
| US-LC-1804 | Saw blade - 54 teeth for wallthickness 0.078" - 0.275" (2-7mm) |
| US-LC-1805 | Saw blade - 34 teeth for wallthickness 0.196" - 0.393" (5-10mm) |
| US-LC-2101 | Saw Blade - 100 teeth for wallthickness 0.02"-0.059" (0.5-1.5mm) |
| US-LC-2102 | Saw Blade - 70 teeth for wallthickness 0.039"-0.118" (1mm-3mm) |
| US-LC-2103 | Saw Blade - 64 teeth for wallthickness 0.118"-0.276" (3mm-7mm) |
| US-LC-2104 | Saw Blade - 44 teeth for wallthickness 0.276"-0.472" (7mm-12mm) |
| US-LC-2105 | Saw Blade - 34 teeth for wallthickness 0.472"-0.591" (12mm-15mm) |

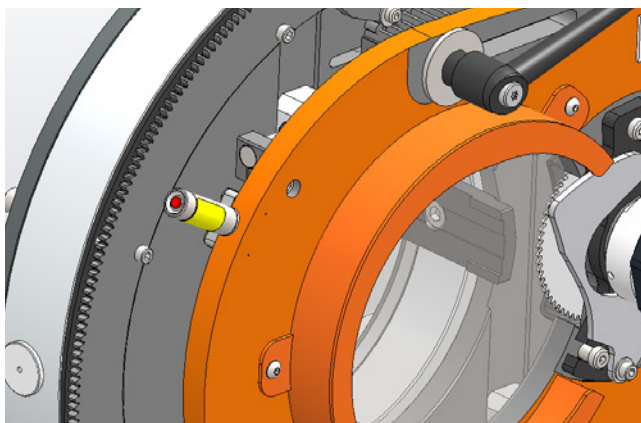


Further Options:

| Order No. | Description |
|---------------|---|
| US6-1119-1 | Set of Clamping Jaws Nr. 1 for 3.405" - 5.204" (86.5mm - 132.2mm) |
| US6-1119-2 | Set of Clamping Jaws Nr. 2 for 1.787" - 3.562" (45.4mm - 90.5mm) |
| US6-1119-3 | Set of Clamping Jaws Nr. 3 for 0.177" - 1.956" (6mm - 49.7mm) |
| US6-1320 | Chips Collector Hood, Vacuum System Inlet not included |
| US3-2100 | Bench Mounting Device |
| US6-2200 | Laser Sight |
| US6-2300 | Length Limit Stop |
| US6-2400 | Adjustment stop |
| US6-6000-EJAL | Aluminium envelopping jaws subassembly for 0.25" (6.35 mm) |
| US6-6001-EJAL | Aluminium envelopping jaws subassembly for 1" (25.4 mm) |



US6-2300 Length Limit Stop



US6-2200 Laser Sight

FACING MACHINES

Portable, versatile and very light facing machines for thin-walled tubes. For thin pipes, fittings, microfittings and elbows with or without straight lengths.



| Machine Type | SE 2T |
|-------------------|---|
| Capacity | 3mm - 63.5mm OD 0.118" - 2.5" OD |
| Clamping Capacity | 3mm - 63.5mm OD 0.118" - 2.5" OD |
| Clamping | Manual with clamping lever |
| Feed | 10mm (0.394") |
| Rpm | 1. Step: 500 rp/min 2. Step: 1700 rp/min |
| Drive Power | Electric (with cable or rechargeable battery) |



| Machine Type | SE 25 |
|-------------------|---|
| Capacity | 3mm - 25.4mm OD 0.118" - 1" OD |
| Clamping Capacity | 3mm - 25.4mm OD 0.118" - 1" OD |
| Clamping | Manual with clamping lever |
| Feed | 10mm (0.394") |
| Rpm | 1. Step: 500 rp/min 2. Step: 1700 rp/min |
| Drive Power | Electric (with cable or rechargeable battery) |



| Machine Type | SE 65 |
|-------------------|---|
| Capacity | 12.7mm - 63.5mm OD 0.5 - 2.5" OD |
| Clamping Capacity | 12.7mm - 63.5mm OD 0.5" - 2.5" OD |
| Clamping | Manual with clamping lever |
| Feed | 10mm (0.394") |
| Rpm | 1. Step: 500 rp/min 2. Step: 1700 rp/min |
| Drive Power | Electric (with cable or rechargeable battery) |



| Machine Type | SL 30 | SL 60 | SL 120 |
|-------------------|---|---|---|
| Capacity | 3mm - 30mm OD 0.118" - 1.181" OD | 10mm - 60.3mm OD 0.393" - 2.362" OD | 50mm - 120mm OD 1.966" - 4.724" OD |
| Clamping Capacity | 3mm - 30mm OD 0.118" - 1.181" OD | 10mm - 60.3mm OD 0.393" - 2.362" OD | 50mm - 120mm OD 1.966" - 4.724" OD |
| Clamping | Clamping collets: short or long version | Clamping collets: short or long version | Clamping collets: short or long version |
| Feed | 10mm (0.394") | 10mm (0.394") | 10mm (0.394") |
| Rpm | 95 rpm - 280 rpm | 120 rpm - 360 rpm | 20 rpm - 60 rpm |
| Drive Power | Electric, Pneumatic | Electric, Pneumatic | Electric, Pneumatic |

