



TUBE SQUARING MACHINES

Tube squaring machines are necessary to achieve burr-free and right-angled seam preparation for orbital welding. That's why Orbitec offers two machines, from the small handy Planfix 40 S to the large Planfix 115 S.

PLANFIX 40 S TUBE SQUARING MACHINE

The Planfix 40 S is a powerful and handy squaring device for mobile or stationary use with battery or mains drive. It has a large viewing window, a tool carrier for mounting the inserts, double-sided indexable inserts, and a feed with 0.1 mm scale graduation. Alternatively, existing Orbitec facing tool bits can be used without tool carriers. The new inserts have a long service life and can process unalloyed, low-alloy and high-alloy steel quickly and reliably with high precision.

Tube size range					
Scope of application	DA 3-40mm / 0.386"-1.575"				
Max. wall thickness	max. 4mm				
Technical Data	Planfix 40 S battery pack 230 V	Planfix 40 S battery pack 120 V	Planfix 40 S power 230 V	Planfix 40 S power 120 V	Planfix 40 S (without drive)
Dimension	275x250x135mm	275x250x135mm	415x200x135mm	415x200x135mm	155x75x135mm
Weight	3.4kg	3.4kg	4.0kg	4.0 kg	1.45kg
Drive	Metabo	Metabo	Metabo	Metabo	
Idle speed	0-500/ 0-1850/min	0-500/ 0-1850/min	0-1100/ 0-3100/min	0-1100/ 0-3100/min	
Lithium ion battery output voltage	18V / 5.2Ah	18V / 5.2Ah			
Charger	ASC 30-36V Air Cooled	ASC 30-36V Air Cooled			
Mains Voltage	230-240V	115V	230-240V	110-120V	
Input	50-60 Hz	60 Hz	50-60 Hz	50-60 Hz	
Max. Power	3A	3A	5.1A	10.5A	
Package includes					
Tube clamping attachment	•	•	•	•	•
Drive	•	•	•	•	
2 Li-ion batteries	•	•			
Battery charger	•	•			
Planfix insert holder					
Two-side tool bit					
Special HSS Facing tool bits					
Tool set	•	•	•	•	
Carrying case	•	•	•	•	
Item number	1.3.41071	1.3.41072	1.3.41073	1.3.41074	1.3.4107



PLANFIX 40 COLLETS

1 set for each outside diameter = 2 collets.
The OSK 38 welding head collets are also compatible.

Item number

1.3.4102+Ø