

A2 Tripletrac A2TF

The superb welding tractor for internal circumferential welding

The A2 Tripletrac is the result of years of experience and the latest technology. It is designed to put your welding operation on the right track to increase productivity and quality. The A2 Tripletrac is superb for internal circumferential welding of large cylindrical objects due to its clever design with a steering wheel. The tractor can be equipped with ESAB's A2-A6 Process Controller PEK or A2 Welding Controller PEI.

The A2 Tripletrac's three-wheeled tractor carriage steers with the front wheel. This, combined with the fact that the steering wheel also controls the horizontal slide, ensures easy control of the wire position.

This makes the A2 Tripletrac ideal for internal circumferential welding of large cylindrical objects that are rotating on a roller bed, for example pressure vessels and wind towers.

The compact, efficient design makes it easy to move the A2 Tripletrac from one place to another, such as between different welding workpieces. The carriage is equipped with a handle to disengage the gear, so the A2 Tripletrac can easily be pushed to another place.

The heavy-duty feed units secure an even and stable wire feed - a prerequisite for top quality, homogenous welding.

The A2 Tripletrac can be delivered with both the A2-A6 Process Controller PEK and the A2 Welding Controller PEI.

A2 Welding Controller PEI

The control equipment is very easy to use with a minimum of training. The welding parameters are adjusted by turning knobs and the actual parameters are shown on the digital displays.



A2 Tripletrac with PEK

With the controller the user can choose between different start methods, direct start or scratch start. The burn-back time is also easily adjustable to optimise the stops for different size of wire.

Programmed precision with ESAB's A2-A6 Process Controller PEK

The digital electronic control equipment with a digital display makes fast programming and control of all welding parameters possible in different languages. 255 different weld sets can be stored in the controller.

The controller optimises the welding depending on material and consumables to always get perfect arc striking and welding.

Technical data

		Single SAW
Wire dimensions (mm)	Steel	1.6-4.0
	Stainless	1.6-4.0
	Cored wire	1.6-4.0
Max wire feed speed (m/min)		9
Electrode weight (kg)		30
Flux volume (l)		6
Weight excl. wire and flux (kg)		47
Permissible load 100% (A)		800
Control voltage (V)		42
Travel speed (m/min)		0.1-1.7
Linear slides setting length (mm)		90
Rotary slide setting angle (°)		360
Max inclination for the tractor (°)		5

Accessories

Contact tips Ø

M12

1.6 mm	0154 623 008
2.0 mm	0154 623 007
2.5 mm	0154 623 006
3.0 mm	0154 623 005
3.2 mm	0154 623 004
4.0 mm	0154 623 003

Feed rollers Ø

1.6 mm	0218 510 281
2.0 mm	0218 510 282
2.4-2.5 mm	0218 510 283
3.0-3.2 mm	0218 510 298
4.0 mm	0218 510 286

Knurled feed rollers for cored wire Ø

0.8-1.6 mm	0146 024 880
2.0-4.0 mm	0146 024 881

Knurled pressure rollers Ø

0.8-1.6 mm	0146 025 880
2.0-4.0 mm	0146 025 881

Shaft for knurled pressure roller

	0212 901 101
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Auxiliary equipment

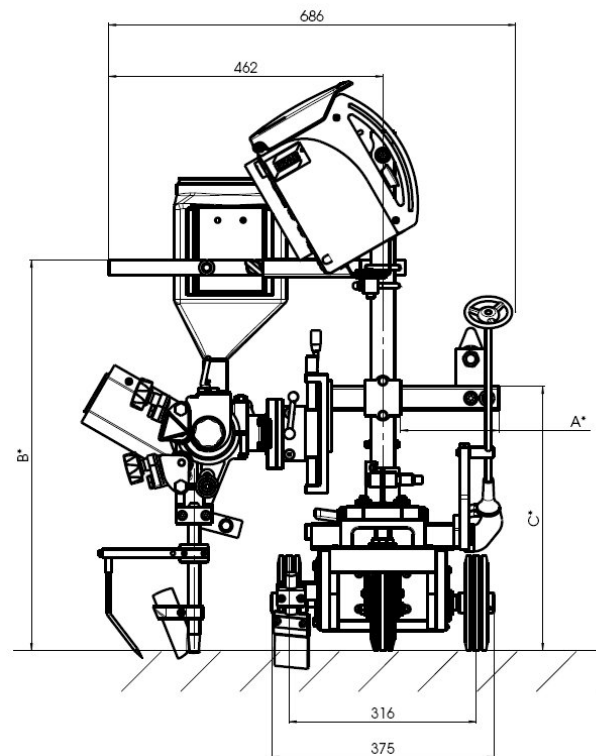
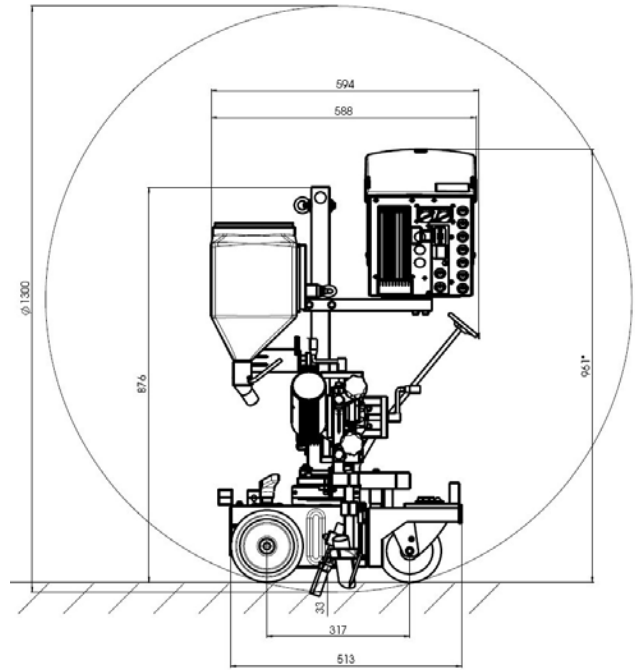
Pilot lamp, laser diode (PEK)	0821 440 880
Utility light, incl transformer and 50 m cable	0449 443 880

Flux handling equipment

Flux recovery unit OPC	0148 140 880
Bracket suction	0332 947 880
Flux hopper of silumin alloy	0413 315 881
Concentric flux feeding funnel (included in the A2 Tripletrac)	0145 221 881
Contact tube, bent	0413 511 001
Wire reel, plastic 30 kg	0153 872 880
Wire reel, steel, fixed width	0416 492 880
Wire reel, steel, flexible width	0449 125 880
Wire reel, steel, Ø 220 mm	0671 164 080

Ordering information

A2 Tripletrac with PEK	0461 236 880
A2 Tripletrac with PEI	0449 430 881



Recommended adjusting
(Butt joint and fillet joint):

A = 165 mm
B = 668 mm
C = 455 mm

2009-12-16 / ESAB reserves the right to alter specifications without prior notice



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