

BLUE-THUNDER SERIE

Quick
Specs

Applications

Mining Fabrication
Structural Fabrication
Trailer Fabrication
Container Repairs
Maintenance Repair

Process
Stick

Input Power: 253/403: 3 Phase, 230/380- 400
VAC 50 Hz
343/443: 3 Phase, 230/380-
400/520 VAC 50 Hz

Rated Output: 253: 220 A at 29 VDC 35% DC
343: 320 A at 33 VDC 35% DC
403: 403 A at 36 VDC 35% DC
443: 420 A at 37 VDC 45% DC

Weight: 253: 80,0 kg 403: 115,0 kg
343: 105,0 kg 443: 175,0 kg

Lifting Eyelets

Provide a safe means of
lifting the powersource.

Fan cooled design

Provides efficient cooling in the most
demanding environments.

Industrial Rated Components &
Construction

designed to provide long lasting,
trouble free performance.

Industrial Running Gear,

design for a variety of terrain. New
rubber tires provide smooth and easy
maneuverability.

Superior performance arc control
technology

provides the operator with a smooth,
low spatter class leading arc suitable
for a wide variety of applications.



Industrial SMAW System with:

Large, welding parameter
display
EZ-set, amperage control
Electrode diameter guide
Lifting eyelets
H/Duty Running gear
Handle/cable carrier
Robust, reliable construction

Easy-To-Use Interface

Allows the operator to select
the correct welding amperage
range to suit the desired
electrode.

Ergonomic Design

Angled controls & low friction
rack system make reading and
adjustment of welding current
easier.

Quick Connect Weld Terminals

provides simple and convenient &
robust connection of weld cables.

Specifications

Model	Rated Output @ 35% Duty cycle	Amperage Range	Max. OCV	Amps Input at rated output, 50 Hz 230/380-400 VAC	Amps Input at rated output, 50 Hz 380-/520 VAC	Dimen- -sions	Weight
253	220 A /29 VDC	30-220	59-66 VDC	36/21 A	32/23 A	H: 650 mm W: 410 mm D: 980 mm	80 kg
343	320 A /33 VDC	50-320	56-68 VDC	55/32 A			105 kg
403	400 A /36 VDC	60-400	66-73 VDC	73/42 A			115 kg
443	420 A /37 VDC (@ 45%)	60-420	70-78 VDC	80/47 A	47/34 A	H: 730 mm W: 520 mm D: 1150 mm	175 kg

Ordering Information

Power Source

Stock No.

Description

Blue-Thunder 253	029 016 230	230/400 VAC 3 Phase, 50 Hz
Blue-Thunder 343	029 016 232	230/400 VAC 3 Phase, 50 Hz
Blue-Thunder 343	029 016 233	380/520 VAC 3 Phase, 50 Hz
Blue-Thunder 403	029 016 234	230/400 VAC 3 Phase, 50 Hz
Blue-Thunder 443	029 016 236	230/400 VAC 3 Phase, 50 Hz
Blue-Thunder 443	029 016 237	380/520 VAC 3 Phase, 50 Hz

Accessories

Welding cable sets, including electrode holder and clamp, Dinse connectors	058 066 041	Welding cable set, length 5 m, 50 mm ²
	058 066 042	Welding cable set, length 10 m, 50 mm ²
	058 066 043	Welding cable set, length 15 m, 50 mm ²
	058 066 044	Welding cable set, length 20 m, 50 mm ²
	058 066 045	Welding cable set, length 5 m, 70 mm ²
	058 066 046	Welding cable set, length 10 m, 70 mm ²
	058 066 047	Welding cable set, length 15 m, 70 mm ²
	058 066 048	Welding cable set, length 20 m, 70 mm ²