



BUFFALO 405X & 670X

The rugged
and distinguished
workhorses

Designed for harsh environmental conditions

BUFFALO 405X & 670X

are exceptionally rugged conventional stick rectifiers built to be used under harsh environmental conditions. To support easy maneuverability throughout the welding site the units are completed with two big wheels, pull bars and two lifting hooks as standard. They have a bright digital meter showing amperes. These machines have also an adjustable Hot Start feature allowing the welder to increase the welding current at the start of the electrode. The adjustable Arc force will support the welder with difficult electrodes preventing "freezing" in the welding puddle.

WARRANTY
3
YEARS



Processes
STICK, LIFT TIG

Output



Input



Advantages

- › Rugged conventional design
- › Equipped with handles & wheels & eyebolts
- › Hotstart, Arc Force & Lift TIG

Benefits

- › Reliable also in harsh conditions
- › Easy transport on & offsite
- › Good welding behaviour with all type of electrodes

BUFFALO 405X & 670X



Features

- › Rugged conventional welding rectifiers with excellent arc characteristics
- › Capable to weld rutile, basic and cellulose electrodes
- › Hot Start supporting excellent arc starting
- › Arc Force to prevent sticking of the electrode in the welding pool
- › Digital meters showing welding amperage
- › Easy to understand graphic control panels
- › Fan on demand (F.A.N.™) built-in reduces power and the intake of dust and fumes
- › Ready to be moved. Equipped with wheels, pull bar and two lifting hooks
- › Lift TIG DC capability

Front panel



- | | | |
|--------------------------|-------------------|----------------|
| 1 Power Indicator Light | 4 Hot start | 7 Remote Local |
| 2 Thermal Overload Light | 5 Meter | 8 Arc Force |
| 3 On/Off Switch | 6 Current Control | |

Applications

Heavy outdoor & indoor applications

- ✓ Shipyard, Offshore
- ✓ Construction site
- ✓ Building, Structural steel
- ✓ Heavy maintenance
- ✓ Hardfacing
- ✓ Rental companies

Technical characteristics

Product	BUFFALO 405X	BUFFALO 670X
Primary Voltage (50-60Hz)	230/400V/3Ph	
Current Range (A)	15-400	15-670
Open Circuit Voltage (V)	78	
Duty cycle at 40 °C	400A/36V/35% 240A/29V/100%	670A/44V/35% 400A/36V/100%
Fuse Size (A) (slow)	63/40	100/63
Weight (kg)	125	150
Dimensions H x W x D (mm)	640 x 580 x 700	670 x 580 x 700
Protection / Insulation Class	IP23 / H	

To order

Designation	Item Number
BUFFALO 405X	W000403561
BUFFALO 670X	W000403563
MMA KIT ARC 50C50+	W000260682
TIG TORCH with VALVE WTT2 26V 4m	W000278885
K4000 TORCH for GOUGING	W000010992



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