



Robust Digital Touchscreen Welding Control Unit

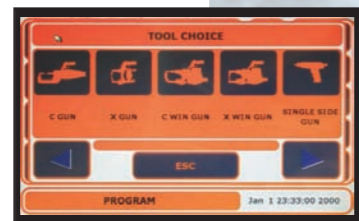
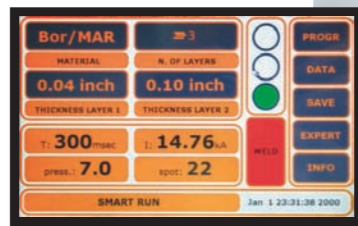
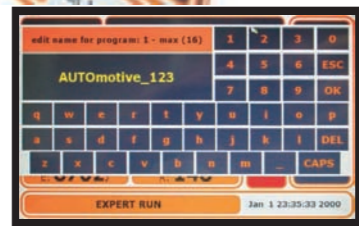
The Rhino utilises Tecna's proven inverter power supply with integrated low noise water cooling system and computerised touch screen technology for easy operation.

The efficient inverter power supply design allows full operation up to **14000 Amp** using only a **32 amp 400V** supply and constant monitoring of input and output conditions ensure production quality welds every time.

The **7" touch screen control unit** allows the machine to be used in several modes.

- **EASY** basic operator adjustment
- **SMART** computer adjusted parameters
- **EXPERT** for full operator parameter input

The Rhino can store **150 customised weld programmes** and has the ability to save programmes and actual weld data for use in **quality records** etc.



Designed for Technology to Deliver Consistant Quality

The ever changing requirements of new materials used in the automotive industry and the need for repeatable, consistent welding methods has led Tecna to design and manufacture "The Rhino".

A new state of the art Inverter technology automotive resistance welder, with integrated transformer gun allowing high power without the need for short and heavy cables.

This new generation resistance welding machine offers excellent control of all parameters through constant monitoring of actual conditions to ensure consistent weld quality.

Safe Handling

The machine comes equipped with a swivel suspension arm and balancer for the suspension of the welding gun to enable ease of handling and operation.

Data Transfer

The Rhino has a **USB port** to allow upgrading of the software system for new materials, improvements in hardware operation, programme additions and importantly **weld data storage and retrieval for quality records**.

Computer Controlled Pressure

The Rhino "smart" mode allows for simple set up and will automatically set welding pressure by means of differential valve system.

The mode will automatically set the parameters to ensure perfect welds. This "smart" operation is simple, saves time and reduces problems.

Transformer Gun

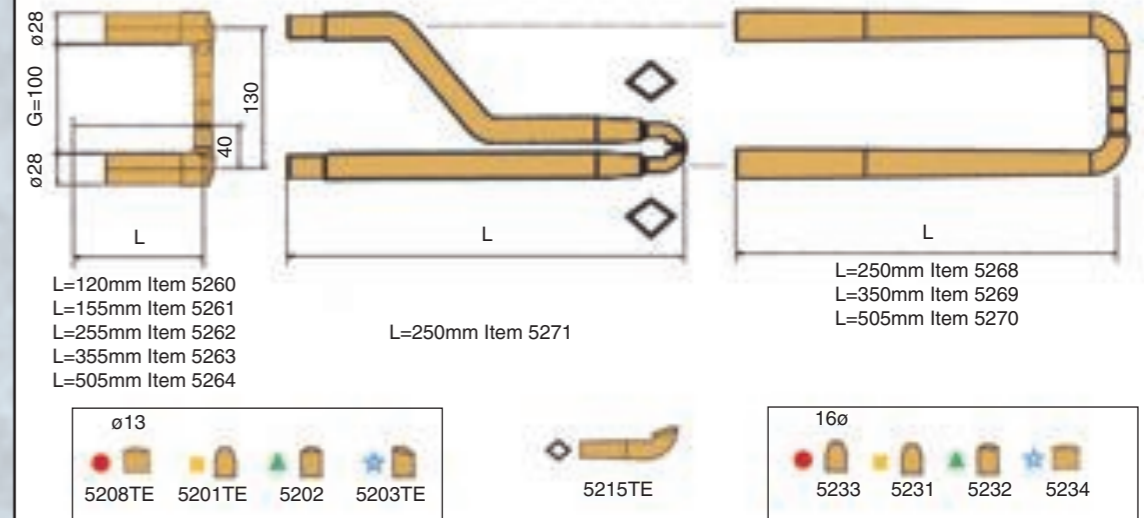
These new **type guns** are fitted with an integral transformer enabling the use of a quick disconnection plug and standard **4 metre length lightweight cable set**.

Both the 'C' & 'X' type guns have a rotating collar for ease of use and improved access when in operation.

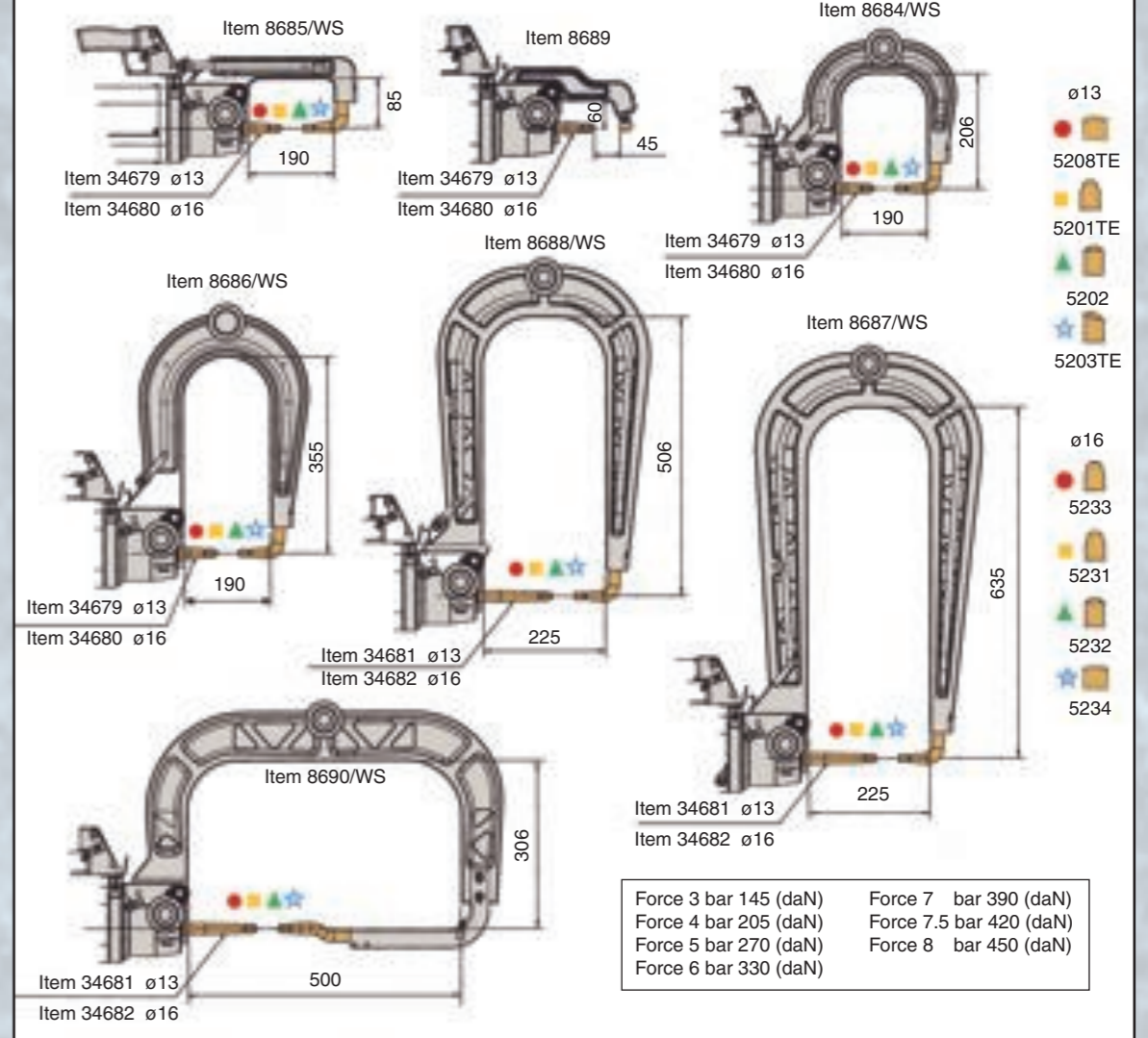


ARM ACCESSORIES

Armsets for Item 8678T



Armsets for Item 8679T





**NEW GENERATION
OF SPOT WELDER
FOR CAR BODY
REPAIR SHOPS**



TECNA

The standard Rhino package comprises of:

- Rhino power source
- Low noise water cooling unit
- 'C' Type transformer gun with 4 mtr cable set
- Suspension arm and balancer
- Accessory kit with 16mm tips
- Arm set 8685/WS
- Mains input cable
- Undercarriage with gun holder and storage for additional accessories



RHINO SPOT WELDING STATION • INVERTER TECHNOLOGY

Part Number	ZX3664
Input Voltage	400V 50/60 Hz
Fuse (Delayed Action)	32 A
Nominal Power @ 50% Duty Cycle	17 kVA
Compressed Air	8 Bar / 116 PSI
Secondary No-Load Voltage	6.3 Volt
Maximum Welding Power	12 kVA
Short Circuit Secondary Current	14 kA

'C' GUN • ITEM 8679T



FULLY WATER COOLED 'C' GUN

Permanent power (100% duty factor)	12 kVA
Power @ 50% duty factor	17 kVA
Power @ 10% duty factor	38 kVA
Maximum output short circuit current	14 kA
Permanent output current to a 100% duty factor	1.9 kA
Rated DC no-load voltage	6.3 Volt
Supply cable	4 mtr
Weight	12.5 kg/27.5 lbs
Force max. @ 8 bar/116 PSI	450 daN/1011 lbs

'X' GUN • ITEM 8678T



FULLY WATER COOLED GUN

Permanent power (100% duty factor)	12 kVA
Power @ 50% duty factor	17 kVA
Power @ 10% duty factor	38 kVA
Maximum output short circuit current	14 kA
Permanent output current to a 100% duty factor	1.9 kA
Rated DC no-load voltage	6.3 Volt
Supply cable	4 mtr
Weight L= 120mm	13 kg/28.6 lbs
Force max. @ 6 bar/87 PSI L=120mm (double stage)	610 daN/1371 lbs
Force max. @ 6 bar/87 PSI L=120mm (single stage)	280 daN/629 lbs

AN INFORMED DECISION... THE COMPANIES BEHIND THE PRODUCT!



TECNA

TECNA are an Italian based specialist manufacturer of resistance welding equipment. Providing welding solutions to many sectors, including original automotive production, the aircraft industry and a diversity of industrial applications, for more than 30 years.

TECNA produce an innovative and extensive range of machines from 2kVA to 630kVA. Utilising the latest technology in electronics and software control, the company are renowned for quality equipment and the results that they produce.

TECNA have brought together all their design and manufacturing experience in the development of the RHINO, to meet the exacting demands of today's car body repair industry.



THE RIGHT DECISION... THE RIGHT PRODUCT... UNRIVALLED SUPPORT!

WILKINSON STAR LIMITED

Wilkinson Star have been the exclusive UK importer/distributor of TECNA products for over 25 years.

Together we have developed and introduced a number of market leading products specifically designed for the needs of the automotive aftermarket.

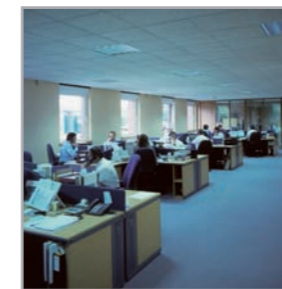
The Founder Owner and Managing Director are experienced engineers within the welding equipment industry, so you can be assured that quality service is at the core of the business.

The loyal and experienced staff of more than 80 people are committed to the provision of friendly customer service along with well designed and reliable products.

This ensures that equipment provided by Wilkinson Star is a sound investment.

Nationwide aftersales service, support and training is provided from the company's purpose built 50,000 sq ft. headquarters in Manchester which is also supported with branches in Newcastle and Swindon.

Our field based staff of Service Engineers, Sales Engineers and Product Demonstrators are 20 strong.



"People answer our telephones not automated call handling."



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**INVERTER TECHNOLOGY
WITH INTEGRATED
TRANSFORMER GUN...**

**...A NEW GENERATION
OF SPOT WELDER
FOR CAR BODY
REPAIR SHOPS**



TECNA



*Immense Power
That Hits The Spot!*