



WELCOME TO



WESTKEN

THE WEST KENNETT CORPORATION

COMPANY PROFILE



ABOUT OUR COMPANY

The West Kennett Corporation, or Westken, was founded in June 1984 to design, manufacture and supply resistance welding products.

At present Westken is probably one of the largest manufacturers and suppliers of resistance welding products and consumables in Southern Africa being the only company manufacturing a complete range of capital resistance welding equipment. Westken manufactures spotwelding guns, hanging and machine transformers, pedestal welders, projection welders, seam welders and a complete range of consumables for the above equipment.

Westken is producing approximately 1000kg / 1500kg Copper & Brass welding consumables each month. These consumables are being used by manufactures in Southern Africa, Namibia, Zimbabwe, Botswana and as far north as Kenya & Malawi.

Westken has designed and manufactured a full a range of standard and special purpose resistance welding machines for use in South Africa.

Westken also manufactures “knock down” kits that we export to the United Kingdom, America and Australia for final assembly in these countries. The kits are sold either with all parts being supplied or supplied without timer/firing systems, solenoids and filter lubricator sets. This allows the customer to select and fit his own timer/firing system and air equipment. Due to the kits being supplied in an un-assembled state the shipping costs, import duty and taxes are reduced.

Further to the above Westken markets our own “Westken” branded MIG, TIG and ARC welding machines from the small Mig machine 220 Volt 160 Amp right through to 380 Volt 450 Amp Mig welders used in heavy industry.

Our range of welding control/timer systems include the Masterweld, Weldpak and Minipak microprocessor welding timers. We offer a full range of locally produced and imported consumables spares for this welding equipment.

Our company is situated in Rosslyn, Pretoria and is within short distance of BMW South Africa, Nissan Motor Corporation, Ford, South Africa. The plants of Toyota (Durban), Mercedes Benz (East London), V.W and GM (Port Elizabeth) are all primary or secondary customers of Westken. Westken supplies products into Zimbabwe Motor manufacturers, Quest and Willowvale motors.

At present we are represented in South Africa in Pretoria, Johannesburg, Durban, Port Elizabeth and Cape Town.

Our plant, which employees 30 personnel, is located on 3000sqm of prime industrial land. The factory floor space is 1600sqm.

We have a fully equipped plant consisting of CNC and standard lathes, milling machines, a paint shop, and a fabrication shop.



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SPOT WELDERS

The spot-welders manufactured by Westken are in-house designed and built to be simple, yet robust & reliable machines for use in various environments; Westken manufactures light to medium duty machines to be used for welding very few spot welds in the manufacturing processes to the heavy duty units for users that weld thousands of parts daily. All Westken machines are water-cooled; use standard welding tips, air valves, air seals and O rings keeping maintenance levels low. A fully range of welding timers from simple heat and time units to constant current feedback timers will cover virtually all the needs of our clients.



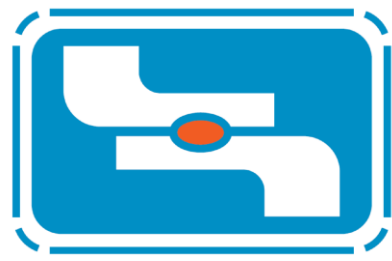
PROJECTION WELDERS

The projection welders manufactured by Westken are in-house designed and built to be robust & reliable machines for use in various environments, Westken manufactures projection welders of various sizes and frame formats to suit the client's requirements. All Westken projection welding machines are water-cooled and use Brass "T" slotted platens. The PA2 & PA3 machines have heavy duty welded frame construction to stop frame deflection during welding. Parts used in our manufacturing process such as air valves, air seals and O rings are freely available thereby keeping maintenance levels low. A full range of welding timers from four stage units to constant current feedback timers will cover virtually all the requirements of our clients.



BUTT WELDERS

The Buttwelders manufactured by Westken come in two basic formats, the 35kva Butt Welder uses 80mm dia air cylinders for clamping and 63mm air cylinder for upsetting pressure, the transformer is water cooled. This machine can weld products from 3mm diameter to 12mm diameter mild steel rods. The larger machine is a 75/100kva flash Butt Welder using 125mm air cylinder for clamping and a 160mm air over oil hydraulic intensifier system for upsetting pressure. This machine is generally used for window frame welding though other layouts can be designed and incorporated.



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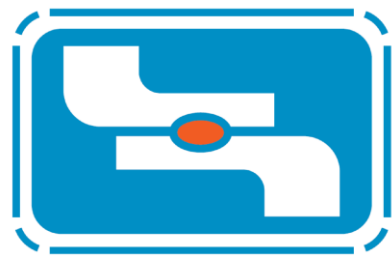
SEAM WELDERS

Westken has manufactured seam welders for various industries, automotive, white goods and mining. The seam welder come in three basic formats i.e. 50kva, 100/150kva and large PA2 type. The 50kva and the 100/150kva machine can be supplied as either longitudinal or circumferential machines. The PA2 machine can only be manufactured and supplied as a circumferential machine.



DEDICATED MACHINES

Westken clients who need high productivity machines using automated systems based on conveyor, indexing or carousel arrangements have had machines specifically designed and manufactured for them. Westken produce machine systems using our in-house designed conveyors, index or carousel matched to whichever spot welder or projection welder most suitable for the specific requirement of the clients. Machines designed and built include mesh welder, catalytic exhaust, door frame, automotive parts and white good products.



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ACCESSORIES

We offer a variety of accessories for Resistance Welding machines.



TIP DRESSER
RATCHET TYPE



WELD SPOT
COUNTER



PRESSURE/FORCE
TESTER (GAUGE TYPE)



MAXI CHILLER 32L
220V COOLING UNIT



COOLING UNIT, DUAL
CIRCUIT 35L 220V



WATER FLOW
INDICATORS



AUTOMATIC NUT
FEEDER SYSTEMS



TIP DRESSER
PNEUMATIC



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TIMERS

Westken manufactures a range of timers for different types of spot welders.



DIGIPACK 1 WELD CONTROLLER



DIGIPACK 4 WELD CONTROLLER



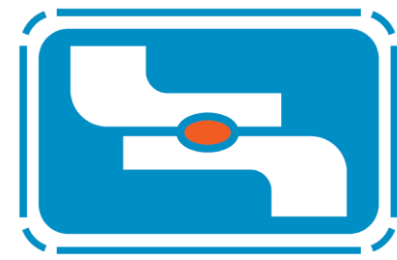
MASTERWELD 15
(15 PROGRAM SOLID-STATE)



DIGIPACK 6 WELD CONTROLLER
(6 STAGE)



MASTERWELD
TIMER PANEL for
100kVA PEDESTAL



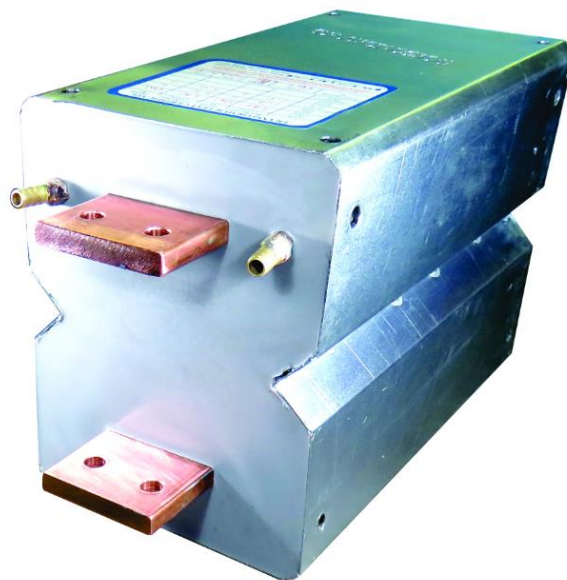
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TRANSFORMERS

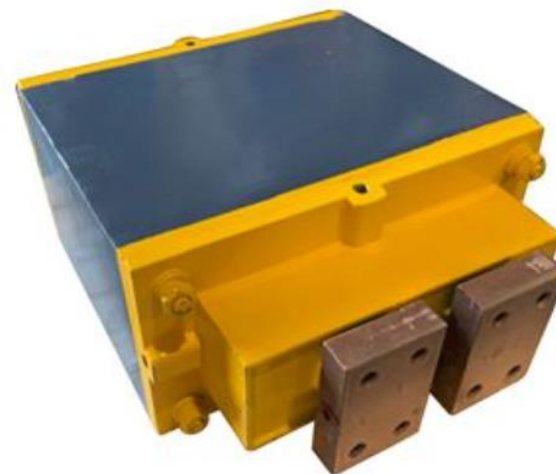
Westken manufactures and supplies a range of encapsulated and semi-encapsulated transformers for resistance welding machines and hanging stations.



HANGING
TRANSFORMER



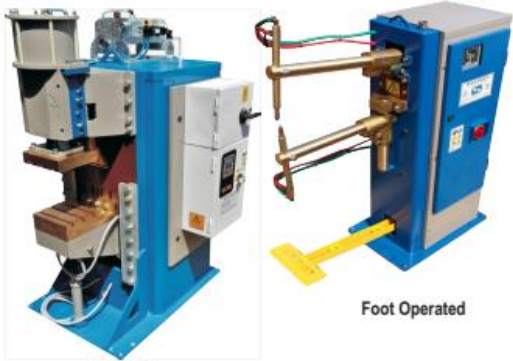
ENCAPSULATED
MACHINE
TRANSFORMER



MACHINE
TRANSFORMERS
"ECONO" RANGE



MFDC
TRANSFORMER



Foot Operated



Seam Welder



Flash Butt



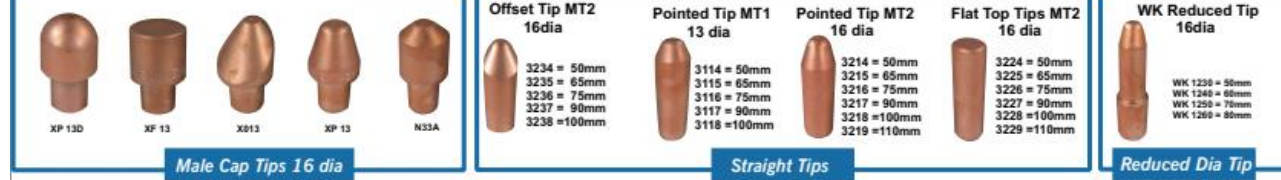
Chiller



Interweld Gun



- 1. T1AP1-02 Timer
- 2. Mini pak Timer
- 3. Weld pak Timer
- 4. Masterweld Timer
- 5. Braided shunt
- 6. Laminated shunt
- 7. Transformer
- 8. Limit Switch
- 9. Select Switch
- 10. Rotary pn/off on/off Switch
- 11. on/off Switch
- 12. Foot Switch
- 13. 45deg hose tail
- 14. 90deg hose tail
- 15. Str hose tail
- 16. Colour coded hose
- 17. Silencer
- 18. 90 deg air fitting
- 19. Str air fitting
- 20. Solenoid
- 21. FRL Unit
- 22. Thyristor Pak
- 23. Firing Pak
- 24. Semi Pak
- 25. Press Button
- 26. Cylinders
- 27. Water-cooled cable
- 28. Trigger & Base
- 29. Seals & O-rings
- 30. Pumps
- 31. Butt welder Jaws
- 32. Tufnol Insulators



Male Cap Tips 16 dia

Straight Tips

Reduced Dia Tip



Gooseneck Electrodes



Tip Holder 25 Dia

Tip Holder 32 Dia

Drum Locks



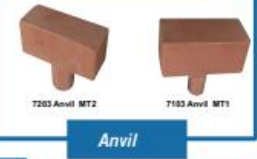
Tip Pressure Tester



Offset Tip Holder



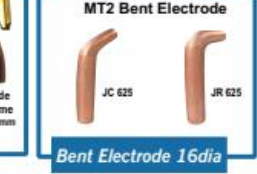
Tip/Cap Extractor



Anvil



Tip Dresser



Bent Electrode 16 dia



Female Caps



CuCrZr Rods & Bars



T-Bars



WG Screw Adapter



NCP & CCP series

CCE 200 series



Swivel Electrodes



TWE 100 Series



Cap/Tip Adaptor

Spade Tip

PLEASE CONTACT US FOR MORE
INFORMATION

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THANK YOU FOR YOUR TIME
& INTEREST.



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