



# Wassertek



## PRODUCT PORTFOLIO

- 🍁 **THERMOPLASTIC PIPE WELDING TECHNOLOGY**
- 🍁 **Wedge Welding Technology**
- 🍁 **HDPE FITTINGS**
- 🍁 **Metal Pipe Bonding Technology**
- 🍁 **DRAIN CLEANING**
- 🍁 **Refrigeration & Air Conditioning Equipments**
- 🍁 **HYDRO TESTING EQUIPMENTS**
- 🍁 **Barrier Control & Intelligent Retractable Gates**
- 🍁 **LIFTING EQUIPMENTS**
- 🍁 **Repair, Service & Equipment Rental**

**INNOVATIVE  
CANADIAN  
TECHNOLOGY**  
*a step ahead.*



**Product** MANUAL BUTT FUSION WELDING MACHINE  
**Models** WHDW110M, WHDW160M, WHDW200M, WHDW250M  
**Description** Ideally used for butt welding of PE, PP, PB, & PVDF non pressure pipes & fittings from 40 to 250 mm.



**Product** HYDRAULIC & SEMI AUTOMATIC BUTT FUSION MACHINE  
**Models** WHDW160, WHDW200, WHDW250, WHDW315, WHDW355, WHDW450, WHDW500, WHDW630, WHDW800, WHDW1000, WHDW1200, WHDW1600, WHDW1800, WHDW2200, WHDW2500  
**Description** Ideally used for butt welding of PE, PP, PB & PVDF pipes and fittings for pressure pipes & all SDR stages up to 2500 mm with optional data recording capability.

Printer



DATALOGGER



SAMPLE OF WELDING REPORT BY DATALOGGER

1	Date/Time:	2009-10-15	14:08
2	Machine:	WCNC315	
3	Machine NO.:	090214083	
4	Commission:	SAAA003-B040-CC012-DD	
		2500-EE4006	
5	Joint NO.:	GJ45-086	
6	Welder:	A00315	
7	Weather:	cloudy	
8	Safeguard:	Yes	
9	Ambient Temp. (°C):	12	
10	Material:	PE100	
11	Diameter(mm):	200	
12	Wall thickness(mm):	22.3	
13	SDR:	9	
14	Drag Pres.(bar):	5.0	
		NOM.	ACT
15	Heating temp(°C):	220	221
16	Heating Pr.(bar):	9.8	9.9
17	B. Build. T (S):	—	108
18	Soak. Pres. (bar):	1.0	1.0
19	Soak. Time (S):	223	223
20	Change Time (S):	10.5	8.5
21	P. Build. Time (S):	13	10
22	Join. Pres. (bar):	9.8	10.0
23	Cooling Time(S):	2040	2040
Welding success			

**Product** DATALOGGER  
**Models** LOGGER2000  
**Description** Ideally used for recording the entire welding process to ensure flawless & precise Butt Welding joint. Also equipped with a printer for generating on-site welding report.

Auto ejecting heating plate



**Product** CNC BUTT FUSION WELDING MACHINE  
**Models** WCNC160, WCNC200, WCNC250, WCNC315, WCNC355, WCNC450, WCNC500, WCNC630, WCNC800, WCNC1000, WCNC1200, WCNC1600  
**Description** Highly innovative fourth generation CNC butt fusion welding machine with inbuilt on-site printer suitable for all SDR & pressure stages for PE, PP, PB & PVDF pipes and fittings up to 1600 mm & bigger sizes on request.



**Product** MANUAL WORKSHOP WELDING MACHINE  
**Models** SAN160, SAN315  
**Description** Ideally used for lengthening short injection molded fitting or producing an integrated fittings for non pressure pipes up to 315 mm. Machine equipped with angular rotating clamps makes the operation easy.



**Product** WORKSHOP FITTINGS FABRICATION MACHINE  
**Models** WSHOP315, WSHOP450, WSHOP500, WSHOP630, WSHOP800, WSHOP1000, WSHOP1200, WSHOP2000, WSHOP2500  
**Description** Ideally used for producing PE, PP & PVDF elbow, tees, cross and yeas for pressure pipes and all SDR stages up to 2500 mm & bigger sizes on request.



**Product** PIPE CUTTING SAW  
**Models** SAW315, SAW630, SAW800, SAW1200, SAW1600, SAW2500  
**Description** Ideally used for precise and perfect angled cutting from 0 ~ 67.5 degree for PE, PP, PVDF & PVC pipes, fittings and profiles up to 3000 mm & bigger sizes on request.



**Product** SADDLE FUSION MACHINE  
**Models** SADDLE630, SADDLE800, SADDLE1000, SADDLE1200  
**Description** Ideally used for producing PE reducing tee in workshop with the most innovative & integrated process of welding and taping up to 1200 mm.



**Product** HEATING PLATE  
**Models** HP110, HP160, HP200, HP250, HP315, HP355, HP450, HP500, HP630, HP800, HP1200  
**Description** Non-stick Teflon coated high quality heating elements up to 1200 mm & bigger sizes on request.



**Product** PPR SOCKET WELDING MACHINE  
**Models** SW63, SW63PR, SW110PR, SW160  
**Description** Extremely light and portable welding unit with heating spigots and bushes for diameters from 20 to 160 mm ideally used with PPR pipes & fittings.



**Product** PPR SADDLE SOCKETS  
**Models** PPR SADDLE SOCKETS FROM 20 to 315 mm  
**Description** Ideally used for welding the branch pipes to the main pipes available in all sizes and diameters.



**Product** ELECTROFUSION WELDING MACHINE  
**Models** EFUSE315, EFUSE500, EFUSE630, EFUSE1200  
**Description** Ideally used for electric welding of HDPE pipes and fittings up to 1200 mm for pressure pipe lines.



**Product** ELECTROFUSION MACHINE FOR SANITARY APPLICATION

**Models** EFSAN110, EFSAN160, EFSAN315

**Description** Ideally used for electric welding of HDPE pipes and fittings up to 315 mm for low pressure drainage pipe lines.



**Product** CUSTOMIZED ELECTROFUSION HDPE MEMBRANE & ELECTRO FUSION MACHINE UP TO 5000 MM

**Models** EFUSE5000, EMEMBRANE20 mm to EMEMBRANE5000 mm  
**Description** Customized electrofusion HDPE membrane available in different sizes and diameters up to 5000 mm & above on request based on the customer's need. Also available an electrofusion machine for the customized geomembrane up to 5000 mm.



**Product** MANUAL SCRAPPER, PEELING DEVICE & PIPE SUPPORT

**Models** MSCRAPPER, PEELER180, PEELER400, PEELER450, PEELER800, PEELER1200, CLAMP315

**Description** Ideally used for preparation & peeling of plastic pipes by removing the oxidized layer before performing an electrofusion joint up to 1600 mm. Pipe support is used for aligning the pipe during the welding process.



**Product** OUTER & INNER CHAMFERING TOOLS

**Models** CHAMFER30, CHAMFER200, CHAMFER250

**Description** Ideally used for chamfering of pipes from inside and outside of pipe diameters up to 250 mm.



**Product** PLASTIC PIPE CUTTER

**Models** PCUT42, PCUT63, PCUT76T, PCUT127T, PCUT170T, PCUT200T

**Description** Ideally used for precise cutting of PE, PEX, PB, PVDF & PPR pipes and insulated pipes with optional customized blades for thick walled pipes available in scissor and telescopic versions.



**Product** MANUAL PLASTIC PIPE CUTTER ORBIT TYPE UP TO 400 MM

**Models** OPIPECUT250, OPIPECUT315, OPIPECUT400

**Description** Ideally used for precise cutting of PE, PVC & PP pipes on-site. No electricity required and can be also used in confined spaces and trenches.



**Product** PIPE ROLLER

**Models** ROLLER315, ROLLER500, ROLLER630, ROLLER1200, ROLLER2000

**Description** Ideally used on the construction site to support the HDPE pipes and reduce friction while accomplishing a butt fusion joint.



**Product** EXTERNAL & INTERNAL BEAD REMOVER

**Models** EXBR315, IBR315, IBR630

**Description** Ideally used for removing external and internal bead from the pipes up to 630 mm.



## WEDGE WELDING TECHNOLOGY



**Product** HOT GAS WELDING MACHINE

**Models** HG1600

**Description** Ideally used for welding of sheets, water proofing, swimming pool & tank construction.



**Product** GEOMEMBRANE WEDGE WELDER

**Models** WEDGE1-2.5, WEDGE0.1-1.2, WEDGE0.5-1.5

**Description** Ideally used for welding HDPE, LDPE and other thin or soft membranes from 0.5 mm to 3.0 mm thickness. Typical application includes pond lining and plastic welding.



**Product** EXTRUSION WELDING MACHINE

**Models** EWM18, EWM32, EWM48, EWM58

**Description** Extremely light weight welding extruder for PE, PVC & PP material suitable for 3, 4 and 5 mm welding wire ideally used in swimming pools, HDPE manholes and tank construction.



**Product** PP, PVC & HDPE WELDING RODS & GEOMEMBRANE SHEETS

**Description** PP, PVC & HDPE welding rods and geomembrane available in all sizes, thickness, colors & length produced by 100% virgin & high quality approved material.



## HDPE FITTINGS



**Product** BUTT FUSION FITTINGS  
**Models** BUTT FUSION FITTINGS UP TO 1600 MM  
**Description** High quality butt fusion fittings up to 1600 mm available in segmented and injection moulded depending on the customer's need ideally used for gas and water networks.



**Product** ELECTRO FUSION FITTINGS  
**Models** ELECTRO FUSION FITTINGS UP TO 1600 MM  
**Description** High quality electro fusion fittings up to 1600 mm ideally used for gas & water networks.



## METAL PIPE BONDING TECHNOLOGY



**Product** MANUAL RATCHET THREADER SET  
**Models** RATCHET2 (B/N)  
**Description** Ideally used for manual & precise threading of steel pipes for BSPT & NPT threads available in mm & inches from sizes 1/2" – 2". Long ratchet makes the operation easy and comfortable.



**Product** ELECTRICAL RATCHET THREADER SET  
**Models** ERATCHET2 (B/N)  
**Description** Electrical ratchet threader ideally used for manual & precise threading of steel pipes for BSPT & NPT threads available in mm & inches. Easy to work in confined and hard to reach space suitable for pipes from 1/2" – 2".



**Product** ELECTRICAL THREADING MACHINE  
**Models** FILETAGE2, FILETAGE3, FILETAGE4, FILETAGE6 (B/N)  
**Description** Ideally used in workshop & on-site operations for continuous threading of steel pipes for BSPT, NPT in mm or inches suitable for pipe sizes from 1/2" – 6" equipped with heavy duty induction and universal motor equipped with forward & reverse option.



**Product** HOLE SAW MACHINE  
**Models** HSAW150  
**Description** Ideally used for making a precise hole on metal pipe both on workshop and on-site especially for taking out branch connections from the main pipe.



MANUAL GROOVER MOUNTED ON POWER DRIVE

**Product** MANUAL GROOVING MACHINE

**Models** MGRV6

**Description** Ideally used for installation of sprinkler systems & quick connection of steel pipes. Machine to be mounted on Power Drive or FILETAGE series for performing a groove suitable for pipe sizes form 2" – 6".



ROLL GROOVER MOUNTED ON POWER DRIVE

**Product** HYDRAULIC ROLL GROOVER

**Models** HGRV12

**Description** Ideally used together with power drive or FILETAGE series for performing a groove operation up to 12".



**Product** HYDRAULIC GROOVING MACHINE

**Models** HYDRAULIQUE12, HYDRAULIQUE24

**Description** Electrical operated stand-alone hydraulic grooving machine ideally used for installation of sprinkler system and quick connection of steel pipes suitable from 2"-12" & 8"-24".



**Product** HEAVY DUTY HYDRAULIC GROOVING MACHINE

**Models** HYDRAULIQUE112G

**Description** Heavy duty stand-alone hydraulic grooving machine equipped with transport trolley ideally used for installation of sprinkler system from 1" – 12".



**Product** V-HEAD PIPE SUPPORT STAND

**Models** VSTAND12

**Description** V type head equipped with 2 & 4 rollers ideally used for giving support to the metal pipe used during threading or grooving.



**Product** TRIPOD CHAIN VISE STAND (1/8-6")

**Models** TCV6

**Description** High quality, light weight tripod stand equipped with chain vise up to 6" suitable for clamping of various pipes and other materials during installation and repair works.



Sparkless Cutting



**Product** HYDRAULIC PIPE CUTTER

**Models** HCUT12, HCUT20

**Description** Ideally used for sparkless, precise & flame free cutting of metal pipes from 2½" – 12" & 8" – 20".



**Product** ELECTRICAL PIPE CUTTER FOR STEEL & PVC PIPES

**Models** ECUT220, ECUT400

**Description** Ideally used for precise and straight cutting of steel and PVC pipes on-site up to 400 mm.



**Product** MANUAL PIPE CUTTER FOR STEEL & STAINLESS STEEL

**Models** MCUT42, MCUT60, MCUT100

**Description** Ideally used for precise cutting of metal pipe up to 4" with optional blades for stainless steel.



**Product** MANUAL PIPE CUTTER FOR STEEL & STAINLESS STEEL

**Models** HINGED4, HINGED6, HINGED8, HINGED14

**Description** Ideally used for precise cutting of metal pipe up to 14" and above on request.



**Product** HYDRAULIC & ELECTRO HYDRAULIC PIPE BENDER

**Models** MBEND2, MBEND4, EBEND2, EBEND4

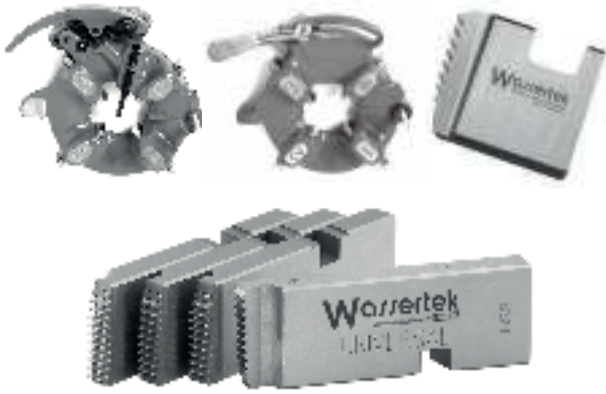
**Description** Ideally used for effortless and cold bending of steel pipes with a bending angle up to 90 degrees suitable for pipe sizes up to 4". The electro hydraulic system makes the entire operation very easy even for big sizes.



**Product** CAST IRON & ALUMINIUM HEAVY DUTY PIPE WRENCH

**Description** Heavy duty and light weight pipe wrenches from 6" to 60" ideally used for working with steel pipes and fittings. The wrench jaws are mostly made of CRV for higher performance & durability.





**Product** THREADING DIES & DIE HEAD  
**Models** DIES1234(B/N), DIES1020(B/N), DIES2530(B/N), DIES2540(B/N), DHEAD20(B/N), DHEAD30(B/N), DHEAD40  
**Description** High quality, precise dies and die heads in BSPT & NPT threads. Also suitable for other Northern American manufactures including RIDGID.

\*RIDGID is a registered trademark of the Emerson Electric Co, St. Louis, USA



**Product** THREADING OIL  
**Models** THREADOIL1, THREADOIL25, THREADOIL208  
**Description** High performance thread cutting oil ideally used for thread cutting and comes in packing of 1 gallon, 25 liters & 208 liters.

— DRAIN CLEANING —



**Product** DRAIN CLEANING EQUIPMENT FOR DOMESTIC USAGE  
**Models** DC4M, DC10M, DC64  
**Description** Extremely light weight drain cleaning machine hand operated and powered ideally used at residential houses, toilets and kitchens.



**Product** DRAIN CLEANING EQUIPMENTS FOR INDUSTRIAL USAGE  
**Models** DC75, DC150, DC200, DCDRUM330  
**Description** High performance & powerful machine used for cleaning of horizontal & vertical pipes and removal of obstructions in wash basins, toilets, sewer pipes, kitchens & laundries from 19 mm to 250 mm.

— REFRIGERATION & AIR CONDITIONING EQUIPMENTS —



**Product** VACUUM PUMP  
**Models** VP3CFM, VP6CFM, VP9CFM, VP12CFM  
**Description** High quality dual stage vacuum pump ideally used for evacuation and creating vacuum generally used to fill the refrigerant gas in the unit.



**Product** RECOVERY UNIT  
**Models** RUNIT2P  
**Description** Ideally used for recovery and recycling of all type of refrigerant gases.



**Product** DIGITAL & ANALOG MANIFOLD GAUGES

**Models** MFOLDR22, MFOLD410A, MFOLD504

**Description** Precise manifold gauge for testing and commissioning of refrigeration and air conditioning units.



**Product** FLARING TOOL & PIPE EXPANDER

**Models** MFLARE, MFLARESG, COPPEREX

**Description** Ideally used for installation of copper pipes during commissioning of refrigeration and air conditioning units



**Product** COPPER PIPE CUTTER

**Models** CCUT28, CCUT42, CCUT75

**Description** Ideally used for precise cutting of copper pipes and fittings during the commissioning of refrigeration and air conditioning units.



**Product** BRAZING ROD

**Models** BRAZOR0, BRAZOR30F, BRAZOR45F

**Description** Ideally used for copper pipe installation in cold and hot water or gas pipeline systems and in air conditioning installation available in combination of 0%, 30% & 45% silver. Ideally 30% & 45% comes with a flux coating on it.



## HYDRO TESTING EQUIPMENTS



**Product** MANUAL HYDRO TEST PUMP

**Models** WK25, WK50E, WK50, WK50STL, WK160, WK400, WK800

**Description** Ideally used for exact and quick compression testing and leak testing on pipe work systems and containers in heating and sanitary installations, and in boiler and vessel manufacturing available up to 800 bar.



**Product** ELECTRICAL HYDRO TEST PUMP

**Models** EPUMP40, EPUMP50, EPUMP60, EPUMP250

**Description** Electric operated hydro test pump ideally used for exact and quick compression testing and leak testing on pipe work systems and containers in heating and sanitary installations, and in boiler and vessel manufacturing available up to 250 bar.



## BARRIER CONTROL & INTELLIGENT RETRACTABLE GATES



**Product** SOLAR & NON-SOLAR BARRIER CONTROL GATE

**Models** SOLARIE.8812, JOUR.8812

**Description** Ideally used for highways barricading, patrol road block, stadium, airport, theme parks & crowd control. Highly advanced gates equipped with solar panels & lithium cells for powering LED lights for night time illumination



**Product** INTELLIGENT RETRACTABLE GATE

**Models** ECO.1318, PREMIUM.1318

**Description** Fully automatic retractable series of gates made of aluminum alloy or stainless steel equipped with anti-collision device with infrared probe and advanced security features ideally used in commercial and residential places including factories, palaces, warehouses, malls, airports and big corporates.



## LIFTING EQUIPMENTS



**Product** PALLET TROLLEY WITH SCALE

**Models** PALLETSKALE2K

**Description** Pallet trolley with measuring scale for transporting and weighing the pallet up to 2000 Kgs.



**Product** ELECTRICAL & MANUAL STACKER

**Models** ESTACKER4M, MSTACKER08M

**Description** High quality electrical & manual stacker suitable for small warehouses to lift pallets, boxes of weight 1500 kgs up to a lifting height of 4 meters and 0.8 meters respectively. Easy to use and space friendly.



**Same day Repair Policy**

**SERVICE CONTACT**

**+971 600 50 2324**

**uaeservice@wassertek.ca**

**Product** REPAIR & SERVICE ALL MANUFACTUER'S & BRANDS

**Description** Our in house spare parts production enables us to repair & service of all manufacturer's threading machines, grooving machines, hole saws, test pumps, butt fusion, electro fusions, extrusions & other tools & machineries.

**FOR RENT**  
**BUTT FUSION MACHINE**

**Product** RENTAL SERVICE

**Description** WASSERTEK also offers various machines including highly sophisticated CNC butt welder on rent with or without operator on a weekly or monthly basis which was setup initially with a vision to provide standby machines to our customers in case of breakdown.