

# Butt welding

## HUERNER WHITELINE CNC ECO 2.0

The HÜRNER CNC ECO 2.0 is a high-quality and durable, next-generation CN-controlled plastic pipe butt-welding machine that has been developed in compliance, as applicable, with the machinery directive 2006/42/EC as amended. The design of the machine is such that with 12 basic machine chassis models, pipes from O.D. 40 through 1600 mm can be jointed.

The Huerner Whiteline CNC ECO 2.0 Features include:

- Automatic data logging of up to 10,000 reports.
- System Status Monitoring including system status checks and computerized maintenance management.
- Welding Monitoring Systems including welding pressure, welding time, ambient temperature, input voltage, memory control, motoring heating element temperature, service indicator and welding movement sensor.
- Traceability options of commission number, Welder ID Code, additional data, ISO pipe codes, fitting data, pipe length, weather conditions, installing company, joint number, inventory number and display of maintaining company.
- Welding Standards DVS, WIS, SEDIGAS, UNI, NEN and additional upon request.
- Data Output: USB Port for data extract for short abstract or extended reports in PDF Format to a USB Stick. Also available to transfer to a label tag printer or transfer file types to Huerner DataWork Format.
- Display and Indicators of a robust, high resolution and temperature range extended display screen with font size of 8mm and a welding diagram of LED Indicators.
- Certification, Approval and Quality: Machinery directive 2006/42/EC (as applied), DVS 2207-1, WEEE Reg. No. DE74849106, ISO 9001:2008, RoHS conformity.
- Manufacturer Warranty of 12 Months.



Specifications	160	200	250	315	355	500	630	800	1000	1200	1400	1600
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
P/N 200-701-...	-160	-200	-250	-315	-355	-500	-630	-800	-100	-120	-140	-150

Operating rang O.D. (mm)	40 - 160	63 - 200	(63) 75 - 250	90 - 315	90 - 355	200 - 500	315 - 630	500 - 800	630 - 1000	630 - 1200	800 - 1400	800 - 1600
Power supply	230 V 50 Hz	230 V 50 Hz	230 V 50 Hz	230 V 50 Hz	230 V 50 Hz	400 V 50 Hz, 3 P	400 V 50 Hz, 3 P	400 V 50 Hz, 3 P	400 V 50 Hz, 3 P	400 V 50 Hz, 3 P	400 V 50 Hz, 3 P	400 V 50 Hz, 3 P
Rated power (kW)	3,94	4,68	4,94	5,44	7,3	12,54	13,00	19,54	23,6	24,6	32,5	34,5
Overall weight, incl. all components (kg)	80	91	125	179	216	372	581	1233	1397	1775	2140	2490
Reducer inserts	40, 50, 63, 75, 90, 110, 125, 140	63, 75, 90, 110, 125, 140, 160, 180	(63), 75, 90, 110, 125, 140, 160, 180, 200, 225	90, 110, 125, 140, 160, 180, 200, 225, 250, 280	90, 110, 125, 140, 160, 180, 200, 225, 250, 280, 315	200, 225, 250, 280, 315, 355, 400, 450	315 , 355, 400, 450, 500, 560	500, 560, 630, 710	630, 710, 800, 900, 1000	630, 710, 800, 900, 1000	800, 900, 1000, 1200, 1400	900, 1000, 1200, 1400
Welding neck support	-	-	■	■	■	■	■	■	■	■	■	■
“Jumping” heating element	-	-	■	■	-	-	-	-	-	-	-	-
Included standard delivery												
CNC ECO hydraulic controller	■	■	■	■	■	■	■	■	■	■	■	■
Basic machine chassis	■	■	■	■	■	■	■	■	■	■	■	■
Facing tool with micro- switch	■	■	■	■	■	■	■	■	■	■	■	■
PTFE-coated heating element	■	■	■	■	■	■	■	■	■	■	■	■
Carrying rack	■	■	■	■	■	■	■	■	■	■	■	■
HÜRNER transport box for reducers and machine optional	■	■	■	■	-	-	-	-	-	-	-	-

1) Under development