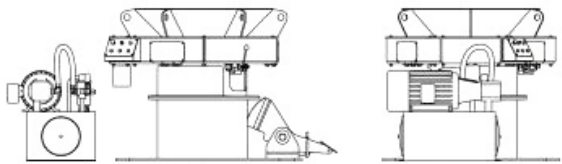
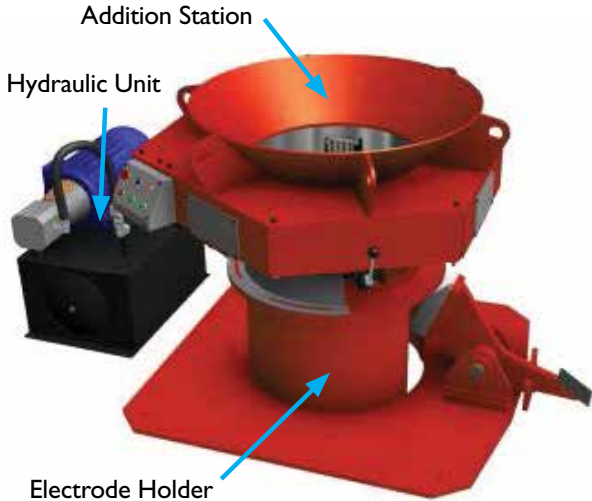


# Electrode Addition Station



The Electrode Addition Station (EAS) is a safe, effective and automated way of adding electrodes to the electrode column off line of the furnace.

★★ American Made ★★



## PRODUCT DESCRIPTION

- This unit was designed to use a mechanical lowering device to assist in joining. Failure to use this method may result in binding and improper torque of the joint and damage to the electrode.
- All units are calibrated in-house using lab-certified torque transducers to ensure that the joint is torqued to manufacturer's recommended specs.
- This device is capable of handling hot electrodes.
- The CMW Electrode Addition Station is one of the most efficient, maintenance-friendly systems on the market, with fewer components and wear parts for greater reliability.
- CMW can perform a head-room and platform evaluation to access the feasibility of the addition station in your plant.
- The CMW Electrode Addition Station torques electrodes to manufacturer-recommended specifications.
- Spare parts are kept in stock for quick turn-around to prevent prolonged downtime.
- The Addition Station can be packaged with the Station Holder or, in some cases, can be adapted to existing holders.
- All designs, development, production, load test and certification are performed by CMW engineers and technicians at the CMW facility in Columbia, Tennessee, according to standards: B30.26-2010, B30.10.2014, B30.20-2013, ASME BTH-1-2013, CEI IEC 60239 and DIN EN 13155.
- Each Electrode Addition Station is tagged with the CMW name, address, product part number, manufacture working load limit, date of manufacture, weight of product and product serial number for traceability and load test certification.
- CMW offers inspection, service or repair to any brand of addition station.
- In addition to our on-site calibration services, we also offer a transducer kit for use by your maintenance team.

Part Number*	Addition Station		Electrode Holder	
	mm	in	kg	lbs
EAS – 18	547.2	18	408	900
EAS – 20	508	20	454	1,000
EAS – 22	558.8	22	499	1,100
EAS – 24	609.6	24	544	1,200
EAS – 26	660.4	26	590	1,300
EAS – 28	711.2	28	680	1,500
EAS – 30	762	30	726	1,600
EAS – 32	812.8	32	771	1,700

\*Part Number = (EAS) - (Electrode Size)  
Add 300 lbs to each weight for the Standard Hydraulic Unit



**Safe lifting and handling is priority at Columbia Machine Works.** The Electrode Addition Station is designed for low maintenance. Daily maintenance should include: visual inspection for hydraulic leaks, blowing out the adder with an air nozzle in the openings underneath the housing and cycling the machine to insure its function. Weekly maintenance should include inspection of the holder teeth on the cam and backing bars, inspection for loose bolts and a check on the hydraulic tank fluid level. Monthly maintenance should include: removal of the motor guard, checking the chain tension (approximately 1/4" of slack), removal of the x3 side inspection covers to check for wear on the guide pads and the addition of high-temperature grease in all of the fitting located inside of the funnel. Only authorized CMW technicians should perform alterations or maintenance requiring component or assembly changes.

**FOR SALES CONTACT: COLUMBIA MACHINE WORKS OR EXO TECHNOLOGIES**

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