

CageFlex™ 260



The CageFlex™ 260 reinforcement production equipment is both versatile and efficient and provides benefits that will increase plant efficiency.

- Improved welding efficiencies
- Faster production
- Can utilize a wider range of materials
- Significant energy savings
- Easy operation
- Diameters up to 2600 mm (102") and lengths up to 4.1 meters (161')

RELIABLE SOLUTIONS FOR
VERSATILE MANUFACTURE
OF DRYCAST PRODUCTS

Hawkeye Pedershaab
Concrete Technologies Worldwide™



The CageFlex™ 260 manufactures steel cage reinforcement for concrete pipes and other products. The machine incorporates proven cagemaking concepts and the latest in control and welding technology to make better cages...faster.

Superior to traditional open-loop welding systems, the CageFlex's advanced closed loop control system continuously provides feedback to the welding drive. This applies consistent current to the weld by automatically adjusting to such variables as differing steel conductivities and worn contactors. Additionally, the CageFlex's 1000hz. welding system frequency, as compared to conventional 50 or 60 hz. welding systems, decreases dwell time at the weld point to increase cage output.

Other cost-saving benefits of the CageFlex's advanced welding system include extended copper wear part life; the ability to use a wider range of steel types and qualities; and a lower connected energy load and peak.

The machine's user-friendly control system and non-proprietary electrical control program is designed for worldwide serviceability. A PLC stores operating programs for various cage configurations. A touch-screen interface permits machine settings and inputs to be easily adjusted.

The CageFlex™ 260 produces cages from 330 mm (13") to 2600 mm (102") diameter in any length up to 3.2M (106") or 4.1M (161"). Round, arch, and oval cage configurations can be produced.

CageFlex™ 260 General Specifications and Benefits		
Cage diameter	330 mm (13") to 2600 mm (102") *Others by request	
Maximum cage length	3.2 meters or 4.1 meters (106" or 161") *Others by request	
Cage geometries available	Round with bell and/or tongue Optional equipment available: Elliptical and oval	
Longitudinal wire diameter	4-8 mm (.158"-.291") standard 10-12 mm (.394"-.472") optional, but without bell expanding capability	
Circumferential wire diameter	4-10 mm (0.158" – 0.394") * Others by request	
Number of longitudinals	12 or 24 (user programmable) * Others by request	
Number of longitudinals for less than 1000 mm (39") OD	6 or 12 (user programmable) * Others by request	
Circumferential wire cutting	Manual – Standard	Automatic – Optional
Maximum machine speed	40 rpm	
Power requirements	3 phase	
PLC	PLC standard, non-proprietary electrical system; worldwide serviceability	

* Special sizes and specifications available by customer request