



Model 450A - Apron Weigh Feeder

- Designed for abrasive or hot materials
- Extra Heavy Duty Construction
- Exclusive MERRICK model 465A weigh unit
- 36" to 72" conveyor widths
- Lengths 9' to 60'+



STANDARD FEATURES:

- Heavy duty channel construction
- Flanged infeed section constructed of abrasion resistant steel, designed to suit material flow characteristics
- Totally enclosed, dust confining with quick removal access panels on all sides of feeder
- 15.68" pitch diameter head and tail sprockets
- 4" flanged apron conveyor, with chains and pans designed to suit material and application
- Heavy duty pillow block bearings
- Cast rollers with chilled rim riding on ASCE crane rail
- Extra heavy duty enclosed screw take-ups
- Tail sprocket mounted speed sensor for accurate speed sensing. Doubles as a zero speed switch
- Shaft mounted speed reducer with variable speed AC or DC motor
- Model 465A Weightometer Unit, including: Suspension spanning three pan roller pitches. Dual strain gauge load cells, environmentally protected barometric and temperature compensation
- Calibration test weights,



Drive sprocket, bearing and shaft



Tail sprocket, take-up, bearing, shaft and speed sensor (cover removed)



Model 465A weigh unit with calibration weight tray



Heavy Duty Feeders