

RIGHT ANGLE LOAD POSITIONING DEVICE



DESCRIPTION

- The Right Angle Load Positioning Device (RALP) is a bi-directional device used adjacent to the corrugator to correctly position one or more stacks coming off the corrugator before being ejected onto the mainline conveyor.
- Load transfers are achieved using heavy-duty grey UCC in-feed chains capable of carrying up to 6,000 (2722kg) pounds.
- The load shifting beds, using blue modular QNB acetal belting, are pneumatically raised and electrically powered. Each can side-shift stacks up to 1,000 (454kg) pounds to an adjacent bed to form a multi-stack load.
- Right Angle Load Positioning Devices can be used with existing or new ACS conveyors and all competitors' conveyors.

FEATURES

- The UCC load-carrying chains are powered using a 1 HP gear moto. The load shifting beds use a 1.5 HP gear motor for positive load positioning.
- Load transfer power train is driven from outside the side frame to provide easy access to the drive mechanism.
- Small nosing radius on transfer chains along with adjustable extension fingers allow for efficient transfer of loads.
- Designed to accommodate stacks from 15" (38cm) to 115" (292cm) across travel width. Optional outrigger assembly available for wider loads.
- Maximum load capacity 6000 lb. (2722kg).
- Pre-wired motor disconnect / lockout switches located beneath hinged covers outside the frame for easy access.

RIGHT ANGLE LOAD POSITIONING DEVICE



**OPTIONAL OUTRIGGER WITH
SELF-CONTAINED DRIVE ASSEMBLY**

SPECIFICATIONS

Conveyor Width (Between Frame:	115" (2.92M) Standard Width For Special Widths, Please Contact Factory Optional Outrigger Assembly Available
Conveyor Lengths:	5'-0" (1.52 M) and 7'-6" (2.29M) Modular Lengths: 10'-0" (3.0M), 12'-6" (3.8M) and 15'-0" (4.57M)
Minimum Height:	12" Standard (30.5cm) When actuated, the chains raise 3/4" above the load shifting beds.
Minimum Single Stack Dimensions:	15" (38cm) Across Travel Width
Maximum Single Stack Dimensions:	115" (292cm) Across Travel Width
Load Conveyance Capacity:	Throughput on Grey UCC-138-SS Load Transfer Chains - 6,000 Lb. (2272kg) Each Load Side Shifting Bed – 1,000 Lb. (454kg) to the next bed or adjacent conveyor.
Chain Speeds:	40 or 60 FPM (12.19 or 18.29 MPM)
Drive Components:	
Conveyor Gear Motors:	Nord 230Volt/460Volt/3PH/60Hz right angle hollow shaft gear motors directly coupled to the drive shafts (575Volt/3PH/60Hz for Canadian Application)
Optional Outrigger (if equipped):	Nord 230Volt/460Volt/3PH/60Hz right angle gear motor connected by drive chain to the drive shaft (575Volt/3PH/60Hz for Canadian Application)
Control Options:	
Manual:	Pushbutton operator actuated.
Automatic:	Electromechanical sensors (e.g. photo eyes) may automatically actuate the device to position and transfer the load.
Load Centering Controls:	Loads are identified and positioned according to overall length.