

Conveyor parts

· Belt Automatic Alignment Device Series

MECHANICAL FOUR-BAR LINKAGE ALIGNMENT

The mechanical four-bar linkage alignment device for belt conveyors uses leverage to extend the detection arm, providing more flexible alignment. It prevents belt misalignment and ensures smooth operation for various conveyor systems.



PRODUCT PARAMETERS

Model	SLQ-800	SLQ-1000	SLQ-1200	SLQ-1400	SLQ-1600	SLQ-1800
Suitable Belt Width	800mm	1000mm	1200mm	1400mm	1600mm	1800mm
Chute Angle	35°	35°	35° /40°	35°	35°	35°
Suitable Belt Speed	≤ 3.5m/s	≤ 4.0m/s	≤ 4.0m/s	≤ 4.5m/s	≤ 4.5m/s	≤ 4.5m/s
Suitable Conveying Capacity	≤ 4000t/h	≤ 6000t/h	≤ 7000t/h	≤ 9000t/h	≤ 11000t/h	≤ 13000t/h
Deviation Correction Response Time	≤ 1s	≤ 1s	≤ 1s	≤ 1s	≤ 1s	≤ 1s
Installation Position	Head / Tail / Intermediate Section / Transfer Point	Head / Tail / Intermediate Section / Transfer Point	Head / Tail / Intermediate Section / Transfer Point	Head / Tail / Intermediate Section / Transfer Point	Head / Tail / Intermediate Section / Transfer Point	Head / Tail / Intermediate Section / Transfer Point
Protection Class	IP65	IP65	IP65	IP65	IP67	IP67
Operating Temperature	-30~80° C	-30~80° C	-30~80° C	-30~80° C	-30~80° C	-30~80° C
Material	Q235 + Nylon / Rubber	Q235 + Nylon / Rubber	Q235 + Nylon / Rubber	Q235 + Nylon / Rubber	Q235 + Nylon / Rubber	Q235 + Nylon / Rubber