



Conveyor parts

· Belt Automatic Alignment Device Series

TAPERED ROLLER ALIGNMENT

Conical roller alignment devices prevent belt misalignment by automatically adjusting the belt position. They are easy to install, maintenance-free, and extend belt life, commonly used in mines, ports, and power plants.



PRODUCT PARAMETERS

Model	Belt Width	Trough Angle	Conical Roller Spec. (Diameter × Length)	Max Belt Speed	Max Capacity	Mounting Position	Ingress Protection	Operating Temp.	Material
ZG-800	800 mm	35°	φ89 × (150+300+150) mm	≤ 3.0 m/s	≤ 3000 t/h	Intermediate / Tail / Transfer Point	IP65	-30~80 °C	Q235 + Rubber / Nylon
ZG-1000	1000 mm	35°	φ108 × (180+360+180) mm	≤ 3.5 m/s	≤ 4000 t/h	Intermediate / Tail / Transfer Point	IP65	-30~80 °C	Q235 + Rubber / Nylon
ZG-1200	1200 mm	35° / 40°	φ108 × (200+400+200) mm	≤ 3.5 m/s	≤ 5000 t/h	Intermediate / Tail / Transfer Point	IP65	-30~80 °C	Q235 + Rubber / Nylon
ZG-1400	1400 mm	35°	φ127 × (220+440+220) mm	≤ 4.0 m/s	≤ 6000 t/h	Intermediate / Tail / Transfer Point	IP67	-30~80 °C	Q235 + Rubber / Nylon
ZG-1600	1600 mm	35°	φ127 × (240+480+240) mm	≤ 4.0 m/s	≤ 7000 t/h	Intermediate / Tail / Transfer Point	IP67	-30~80 °C	Q235 + Rubber / Nylon
ZG-1800	1800 mm	35°	φ133 × (260+520+260) mm	≤ 4.0 m/s	≤ 8000 t/h	Intermediate / Tail / Transfer Point	IP67	-30~80 °C	Q235 + Rubber / Nylon