

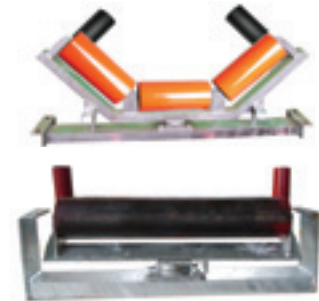
Trough Idlers

A trough idler, which is the most common idlers used on high capacity belt conveyor, is mounted on the carrying side. Generally it consists of 3 rollers in equal length. The two outer rollers are inclined upward and the middle one is horizontal. The inclined degree can be 30°, 35° and 45°, some can be up to 60° in suspended type. There are two basic types: standard type and ahead inclined type. The latter can also be present all through the conveyor to prevent the belt from sideslip.



Self-aligning Idlers

The trainer idlers were fixed to keep belt running in correct line. When belt runs to one side, the structure frame will turn to opposite side.



Self Cleaning Idlers

Self cleaning idlers are fixed on the return side of the conveyor to clean off the materials that stuck to the belt working surface. They could be identified as following types:

Flat Comb Type, V Comb Type and Flat Spiral Type. Generally, 1 set of spiral idlers would be set closed to the end drum and 5 or 6 sets of comb type return idlers followed.



Impact Idlers

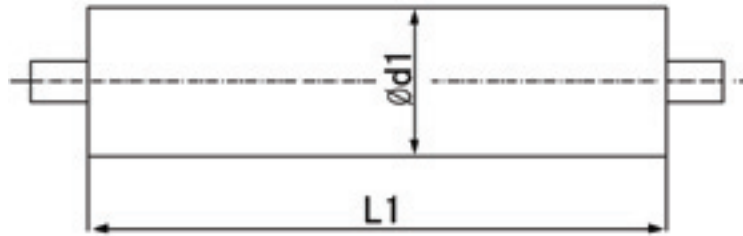
Impact idlers with rubber rings of high shock absorbing quality are fixed under the feed system. The rubber rings would absorb the impact by falling materials to prevent the belt and idler body from damaging.



Flat Return Idlers

They are adopted to support the conveyor belt on return side.





SPECIFICATIONS

Belt Width B	Diameter d1	Length L1	Belt Width B	Diameter d1	Length L1
500	76	200	1600	133	600
	89	315		152	900
	102	600		159	1800
	108			194	
650	76	250	1800	152	670 1000 2000
	89	380		159	
	102	750		178	
	108			194	
800	89	315	2000	219	750 1110 2200
	102	465		152	
	108	950		159	
	127			178	
	133			194	
1000	102	380	2200	219	800 1250 2500
	108	600		245	
	127	1150		159	
	133			178	
1200	127	465	2400	194	900 1400 2800
	133	700		219	
	152	1400		245	
	159			159	
1400	127	530 800 1600	2400	178	
	133			194	
	152			219	
	159			245	
	194				



Idler Frame available on your request