



Conveyor parts

· Guard Roller

BUFFER GUARD ROLLER

The buffer idler is a key conveyor component, installed under the loading section. It absorbs impact from falling material, reduces belt wear, and extends belt life. Widely used in mining, metallurgy, and ports, it ensures efficient and stable conveyor operation.



PRODUCT PARAMETERS

Applicable Belt Width B	Idler Outer Diameter D	Buffer Layer Thickness	Shaft Diameter d	Bearing Model	Idler Length L	Side Roller Height H	Trough Angle	Material	Surface Treatment	Drawing No. Reference
500	Φ89	10~15	20	204	200/190	80~100	30° / 35°	Rubber/ Polyurethane + Steel Pipe	Spray Coating / Hot-dip Galvanizing	TD1HC1.1
650(600)	Φ89	10~15	20	204	250/240	80~100	30° / 35°	Rubber/ Polyurethane + Steel Pipe	Spray Coating / Hot-dip Galvanizing	TD2HC1.1
800	Φ89	12~18	20	204	315/305	100~120	30° / 35°	Rubber/ Polyurethane + Steel Pipe	Spray Coating / Hot-dip Galvanizing	TD3HC1.1
1000	Φ108	15~20	25	305	385/375	120~150	30° / 35°	Rubber/ Polyurethane + Steel Pipe	Spray Coating / Hot-dip Galvanizing	TD4HC1.1
1200	Φ108	15~20	25	305	465/455	120~150	30° / 35°	Rubber/ Polyurethane + Steel Pipe	Spray Coating / Hot-dip Galvanizing	TD5HC1.1
1400	Φ108	18~25	25	305	535/525	150~180	35°	Rubber/ Polyurethane + Steel Pipe	Spray Coating / Hot-dip Galvanizing	TD6HC1.1
1600	Φ133	20~30	30	306	610/600	180~200	35°	Rubber/ Polyurethane + Steel Pipe	Spray Coating / Hot-dip Galvanizing	TD7HC1.1
1800	Φ159	20~30	30	306	710/700	180~200	35°	Rubber/ Polyurethane + Steel Pipe	Spray Coating / Hot-dip Galvanizing	TD8HC1.1