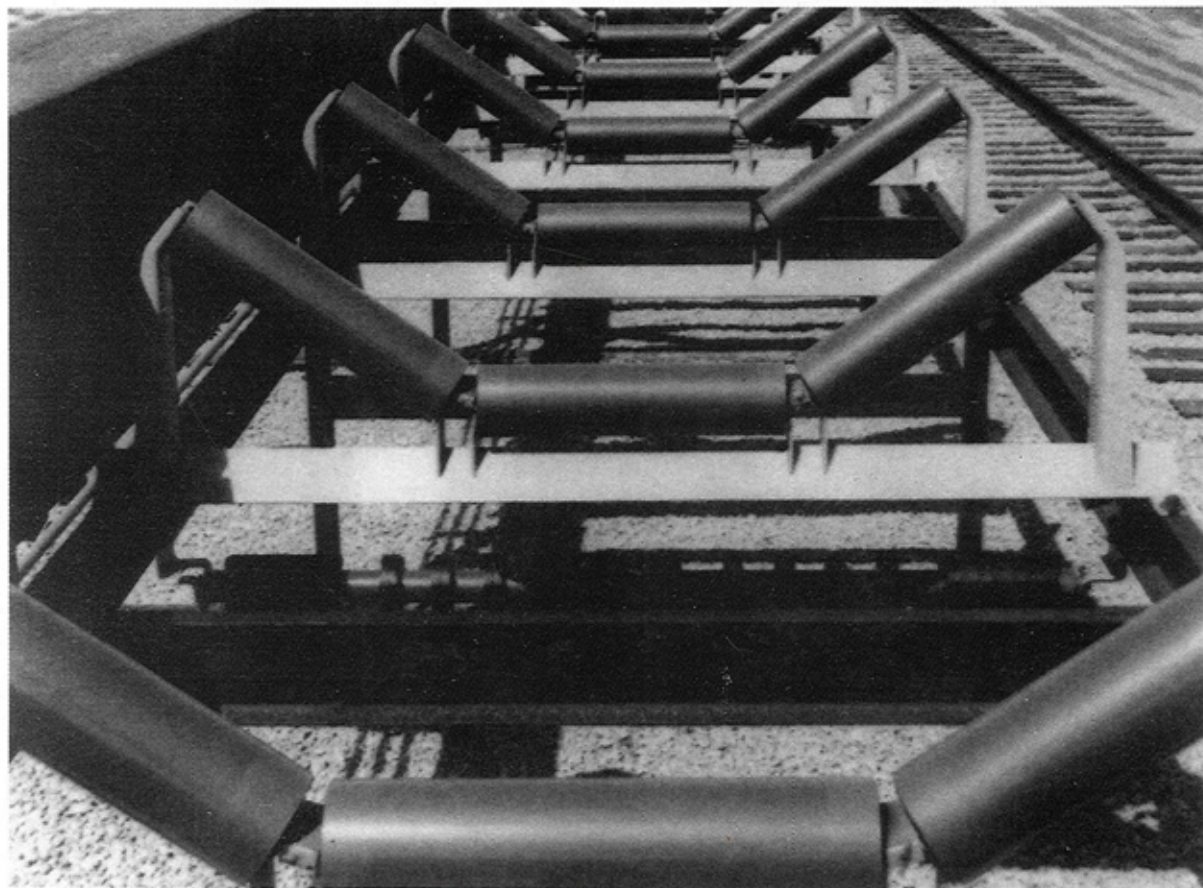


BULK MATERIAL HANDLING SOLUTION



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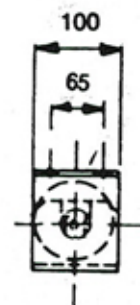
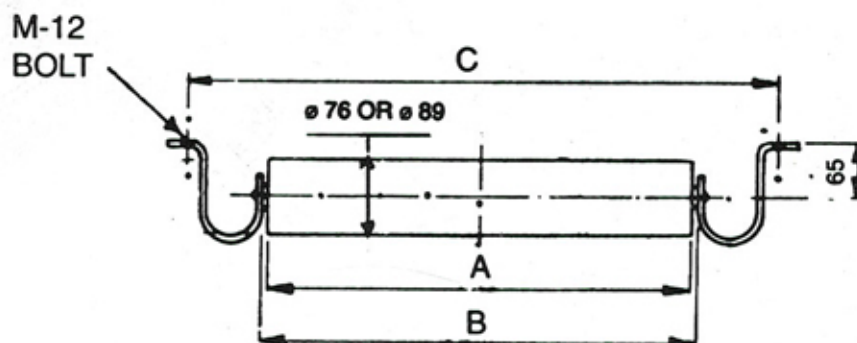
**IDLERS
ROLLERS
PULLEYS &
CONVEYOR BELTS**

20° TROUGH BELT IDLER (Equal length Roller)



RETURN BELT IDLERS

Return idler support and carry the empty belts on the return run.



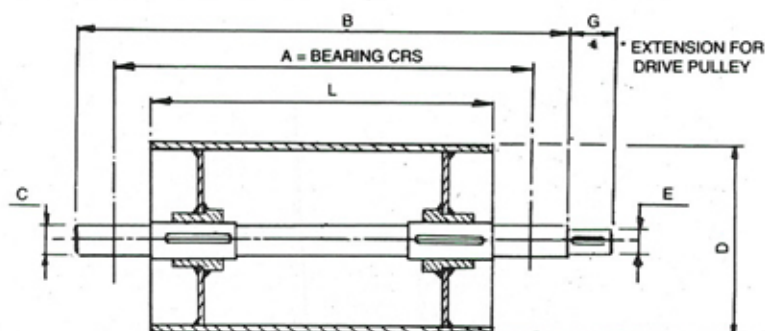
BELT WIDTH	A	B	C
400	500	507	690
450	550	557	740
500	600	607	790
600	700	707	890
650	750	757	940
750	850	857	1040
800	950	957	1090
900	1050	1057	1190
1000	1150	1157	1290
1200	1400	1407	1490



NOTE : 1) RETURN ROLLER CAN BE SUPPLIED WITH RUBBER LINED OR WITH RUBBER RINGS IF REQUIRED.

BELT CONVEYOR PULLEY

Pulleys are of the drum type with steel and discs welded to the steel rim, combining maximum strength with minimum weight. The pulleys can be furnished with either crown or straight face. The crown face helps to maintain alignment of the belt on the pulley. Pulleys can be supplied with plain rubber lagging or with herring bone groove lagging.



BELT WIDTH	PULLEY FACE L	PULLEY DIA D
400	500	215
450	550	260
500	600	318
600	700	400
650	750	450
750	850	500
800	950	630
900	1050	
1000	1150	
1200	1400	

NOTE : 1) DIMENSIONS A,B,C,E & G ARE TO BE FURNISHED BY CLIENT.
 2) PULLEY CAN BE SUPPLIED WITH CROWNFACE IF REQUIRED.
 3) RUBBER LAGGING ALSO CAN BE DONE AS PER CLIENTS' REQUIREMENT.



CONVEYOR BELTS

Conveyor belts carries the material and transmits the power to move the pulley. It is available from 2 plies to 6 plies in various grades and width.

Belt Type	Max. Recommended Belt Tension (KN/M)	Nominal Carcass Thickness (mm)	Nominal Carcass Weight (Kg/Sq.mt.)	Maximum Belt Width (mm) for satisfactory load			Minimum Belt Width troughing angle			Minimum Pulley Dia.		
				1.0	1.6	2.5	20°	30°	45°	A	B	C
200/2	20	2.3	2.6	650	500	400	300	300	350	250	200	160
250/2	25	2.5	2.8	650	600	450	450	450	500	250	200	160
315/3	31	3.0	3.3	1000	800	650	400	450	500	315	250	200
400/3	40	3.3	3.7	1050	900	650	500	500	500	315	250	200
400/4	40	4.6	5.2	1200	1000	800	500	500	600	500	400	315
500/3	50	3.6	4.0	1200	900	800	500	500	500	400	315	250
500/4	50	4.8	5.4	1200	1050	900	500	500	650	500	400	315
630/3	63	3.9	4.4	1200	1000	800	500	500	500	400	315	250
630/4	70	5.0	5.6	1400	1200	900	500	500	650	500	400	315
800/4	90	5.4	5.9	1600	1400	1000	500	500	650	630	500	400
800/5	90	6.3	7.2	1800	1400	1200	500	650	800	630	500	400
1000/4	110	6.1	6.7	1800	1400	1200	500	650	800	630	500	400
1000/5	110	6.7	7.8	1800	1600	1400	500	650	800	630	500	400
1250/4	140	7.0	7.8	1800	1600	1400	650	800	900	800	630	500
1250/5	140	7.8	8.8	1800	1600	1600	650	800	900	800	630	500
1400/5	145	8.9	10.1	2000	1800	1800	650	800	900	800	630	500
1600/5	180	9.5	11.1	2000	1800	1800	800	900	1000	1000	800	630
1600/6	180	10.8	12.2	2000	2000	2000	800	900	1000	1000	800	630
1800/6	200	11.4	13.2	2000	2000	2000	800	900	1000	1250	1000	800

Note :

- 1) TYPE A PULLEY : DRIVING PULLEYS AND PULLEYS EXPOSED TO HIGH BELT TENSION.
- 2) TYPE B PULLEY : SNUB PULLEYS IN THE RETURN RUN UNDER THE LOWER BELT TENSION.
- 3) TYPE C PULLEY : BEND PULLEY FOR A CHANGE IN DIRECTION OF THE BELT OF LESS THAN 30 DEGREE.

COVER GRADES :

Grades for all applications and conforming to various standards are available:

Application	Grade
A) General Purpose	M-24
B) Hot Material	HR T-1 HR T-2
C) Oil Resistant	OR

COVER THICKNESS :

Covers are manufactured in required thickness in steps of 0.5 mm. Selection of top and bottom cover thickness depends on loading cycle, material abrasions, and the need for balanced construction.

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