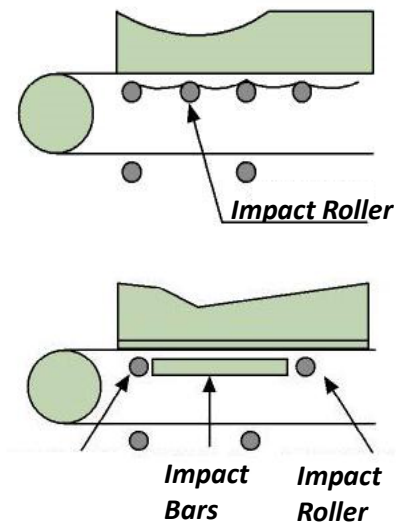


IMPACT BED (BELT-SUPPORT CRADLE)

Design to meet the following demands:

- Keep belt operation stable to prevent spillage or overflow by controlling belt sag in the load zone to curtail spillage and providing a slick surface upon which the belt can ride.
- Minimize surface attack damage due to impact loading resulted from high falling material and huge block.
- Various combinations of impact bars and impact idler rollers are available to meet different design of loading zone.
- Impact bars can be replaced individually. Optional design can provide easy replacement by pulling out pin connection of side cradle without removing lots of bolt-nut connections.

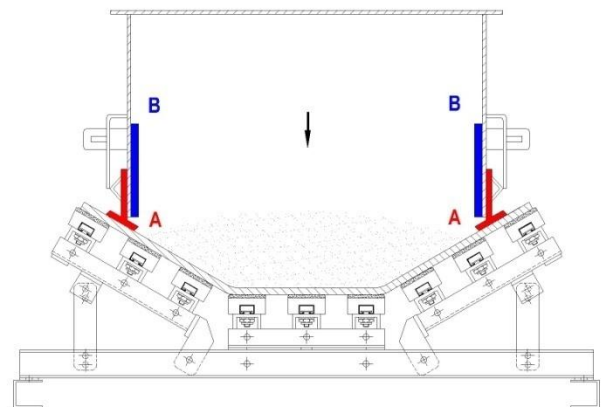


Only conventional impact idlers on loading zone

- As facing the impact of loading materials, belts obtain complete support by impact bed. Meanwhile, it can effectively suppress spillages and fugitive dust by great assistance of excellent T-SKIR TSEAL.

Adopt impact bed and T-SKIRT SEAL on loading zone

- It's easy to have spillage at saggy belt by high impact of loading material, especially at the point of unsupported belt between impact idlers.



A. T- SKIRT SEAL Spillage-proof rubber

B. Wear resistant Lining

Main Application:

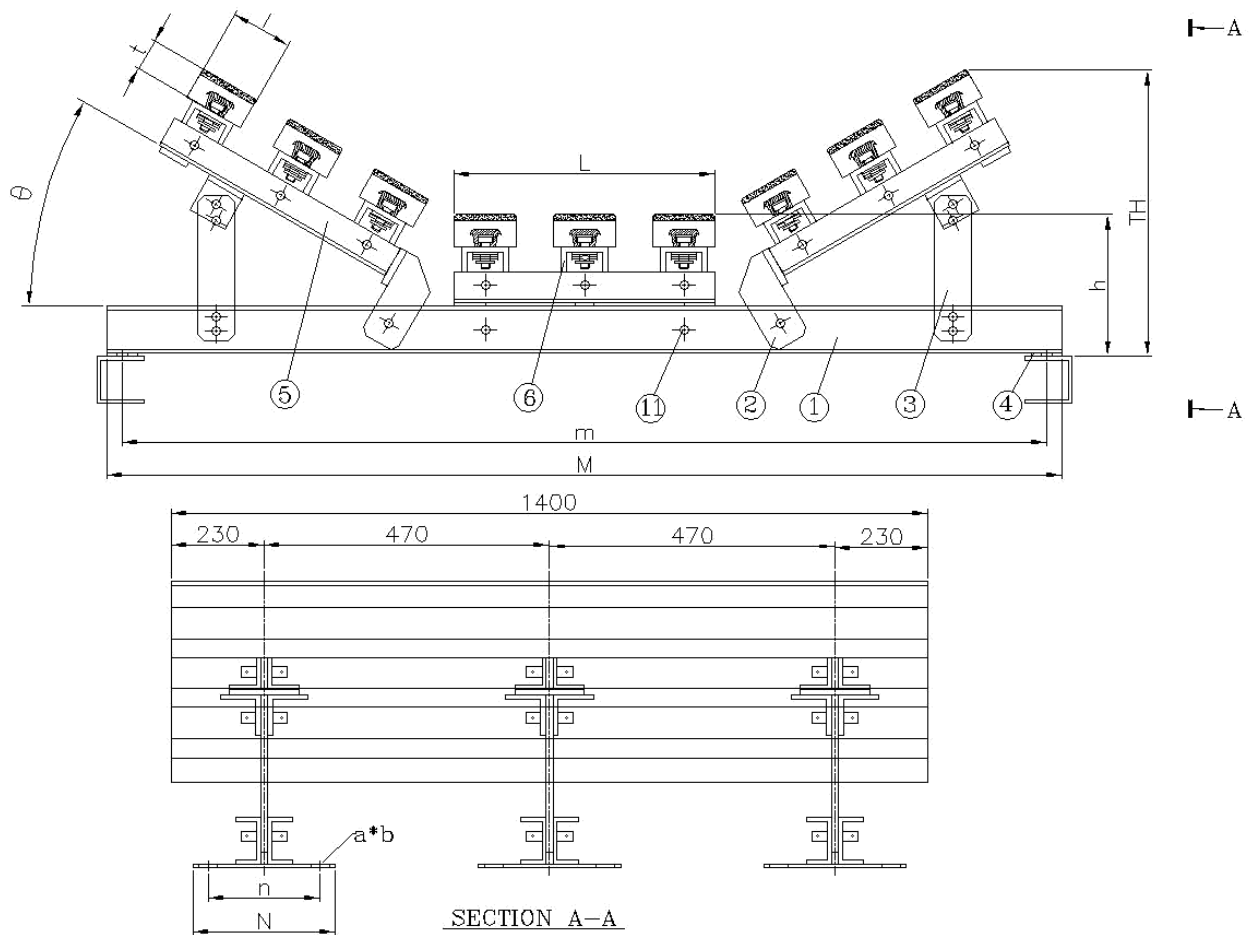
- Cement Plant (material transportation)
- Power Plant (high falling operation)
- Steel Plant (Iron ore, dolomite)

IMPACT BARS

- Impact bar with built-in aluminum alloy grooved bracket provides high bending strength and good accuracy.
- Low friction surface made of wear resistant UHMW ensures slick running of the belt.
- Anti-shock and resilient rubber in the middle to minimize belt-sag during loading.
- Hot-vulcanized three-layer design guarantees good bonding strength and longer service life.



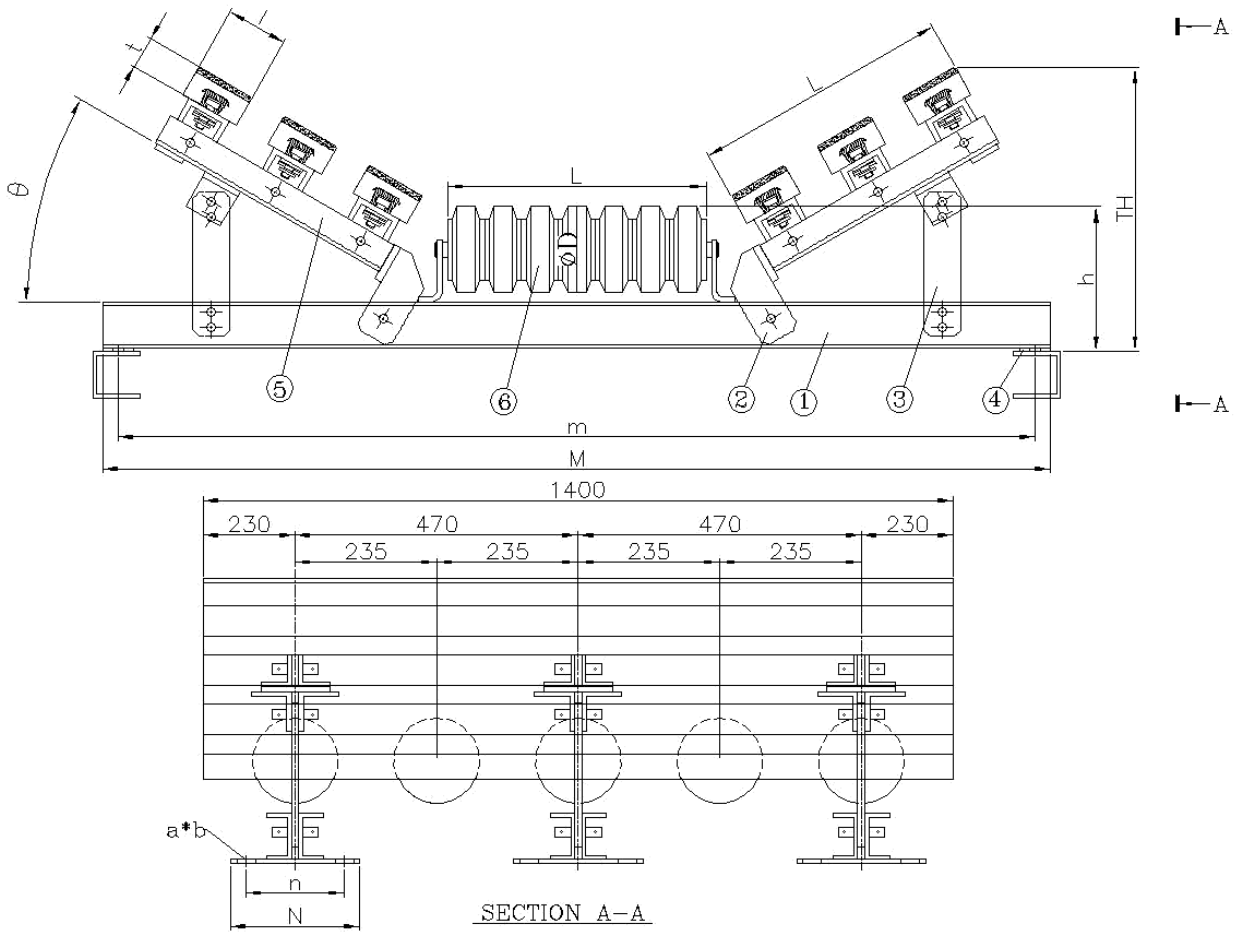
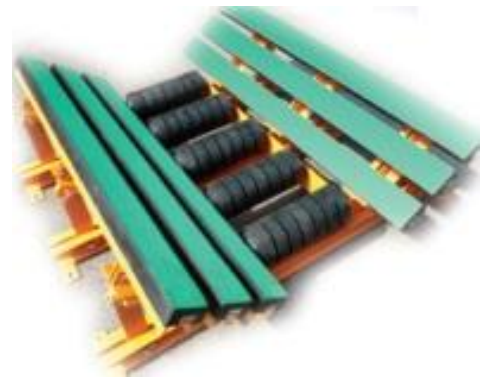
IMPACT BED WITHOUT IMPACT IDLERS



Unit: mm

MODEL	BELT WIDTH	θ			M	m	N	n	L	l	h	t	axb	Impact Strip (pcs)		
		20°TH	30°TH	35°TH										Left	Middle	Right
MB-750-A/B	750	282	325	344	1090	1040	210	160	265	100	187	50/80	$\varnothing 14 \times 30$	2	2	2
MB-900-A/B	900	299	350	373	1240	1190	210	160	315	100	187	50/80	$\varnothing 14 \times 30$	2	3	2
MB-1050-A/B	1050	361	419	445	1390	1340	230	180	370	100	230	50/80	$\varnothing 14 \times 30$	3	3	3
MB-1200-A/B	1200	378	444	474	1540	1490	230	180	420	100	230	50/80	$\varnothing 14 \times 30$	3	4	3
MB-1400-A/B	1400	487	565	603	1790	1730	350	280	500	100	313	50/80	$\varnothing 18 \times 30$	4	4	4
MB-1600-A/B	1600	515	605	649	1990	1930	350	280	580	100	313	50/80	$\varnothing 18 \times 30$	4	5	4
MB-1800-A/B	1800	568	668	716	2280	2220	400	330	650	100	343	50/80	$\varnothing 18 \times 30$	5	5	5
MB-2000-A/B	2000	595	708	762	2480	2420	400	330	730	100	343	50/80	$\varnothing 18 \times 30$	5	6	5

IMPACT BED WITH IMPACT IDLERS



Unit: mm

MODEL	BELT WIDTH	θ			M	m	N	n	L	l	h	t	ϕD	axb	Impact Strip (pcs)		
		20°TH	30°TH	35°TH											Left	Middle	Right
MBR-750-A/B	750	302	345	364	1090	1040	210	160	265	100	207	50/80	115	$\phi 14 \times 30$	2	roller	2
MBR-900-A/B	900	319	370	393	1240	1190	210	160	315	100	207	50/80	115	$\phi 14 \times 30$	2	roller	2
MBR-1050-A/B	1050	381	439	465	1390	1340	230	180	370	100	250	50/80	140	$\phi 14 \times 30$	3	roller	3
MBR-1200-A/B	1200	398	464	494	1540	1490	230	180	420	100	250	50/80	140	$\phi 14 \times 30$	3	roller	3
MBR-1400-A/B	1400	487	565	603	1790	1730	350	280	500	100	313	50/80	166	$\phi 18 \times 30$	4	roller	4
MBR-1600-A/B	1600	515	605	649	1990	1930	350	280	580	100	313	50/80	166	$\phi 18 \times 30$	4	roller	4
MBR-1800-A/B	1800	568	668	716	2280	2220	400	330	650	100	343	50/80	200	$\phi 18 \times 30$	5	roller	5
MBR-2000-A/B	2000	595	708	762	2480	2420	400	330	730	100	343	50/80	200	$\phi 18 \times 30$	5	roller	5