



BULK MATERIALS HANDLING SOLUTIONS
MADE BETTER

K-Steel Trough and Return Rollers

The K-Steel Idlers and Rollers cover the complete range of all belt widths for trough and return applications. From 400mm > 2500mm. Variations include shells lagged with rubber or polyurethane for extreme abrasive application, rubber disc types, impact types, stainless steel and aluminum. Roller diameters range from 63.5mm > 219mm. High tolerance is maintained to Total Indicator Run-out (T.I.R.) and balance. Material grade is Q235.

The effectiveness of the K-Steel roller multi-labyrinth nylon low drag sealing system provides an effective barrier to the environmental challenges of dust, dirt, water, low and high temperatures or applications where there is a large temperature gap between day and night.

The shell end disc is an important feature that is made from grade high quality structural steel 08A1. The weld between the shell and end disc is located internally within the shell face.

K-Steel Rollers are fitted with high quality ZZ single row deep groove sealed bearings filled with lithium based grease. The bearing range from 6204 > 6310. Shafting is K1045.

All rollers are fully painted. Frames are shot peened and hot dipped galvanized. All components are plastic wrapped and part numbered. Stainless steel frames are also available. Standard angles include 20 > 45 degree.

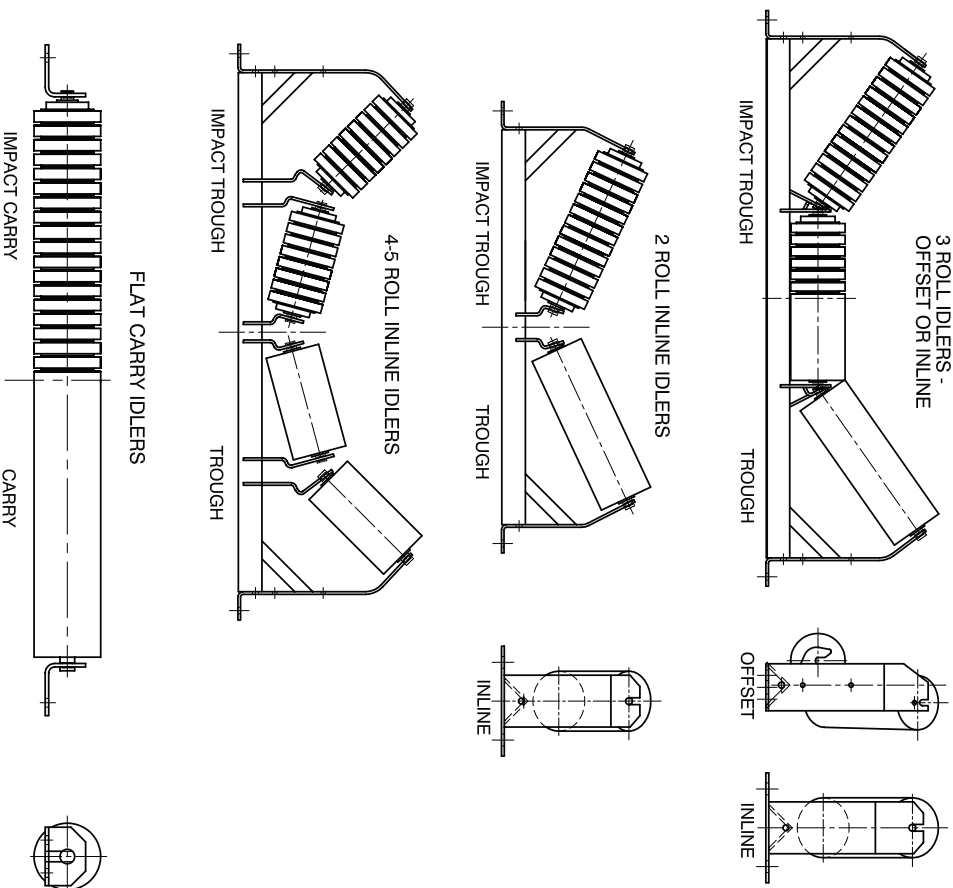


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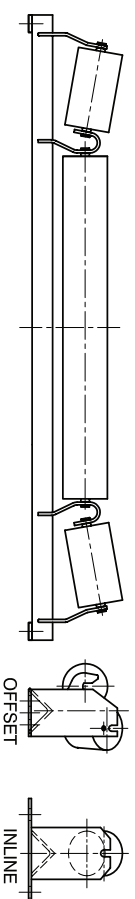
TROUGH IDLERS - OFFSET OR INLINE

IMPACT TROUGH IDLERS INSTALLED AT THE LOADING POINT TO PROTECT THE BELT AGAINST DAMAGE



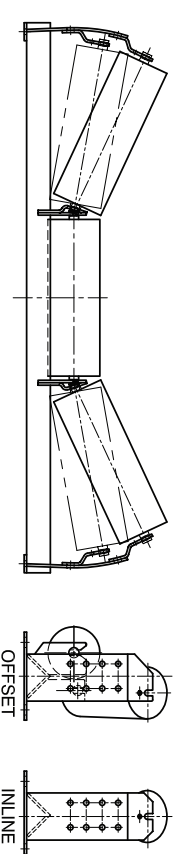
PICKING IDLERS, OFFSET OR INLINE

FOR THIN LAYERS OF MATERIAL OR HEAVY DUTY BELT FEEDER APPLICATIONS



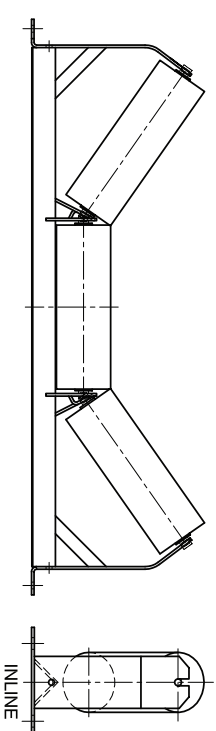
ADJUSTABLE TRANSITION IDLERS, OFFSET OR INLINE

USED AT HEAD AND TAIL POSITION TO MAINTAIN BELT EDGE CONTACT



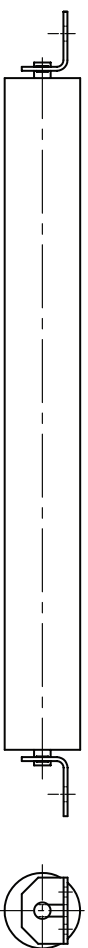
BELT WEIGHER OR LOAD CELL IDLERS

REQUIRE ROLLERS WHICH ARE ACCURATE IN CROSS SECTIONAL PROFILE, CONCENTRIC AND BALANCED

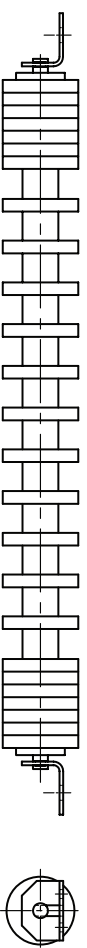


K-Steel Trough and Return Rollers

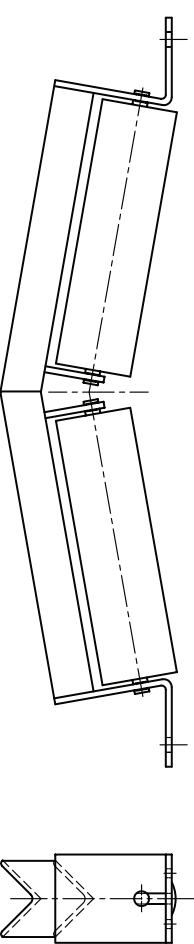
1 ROLL RETURN IDLERS



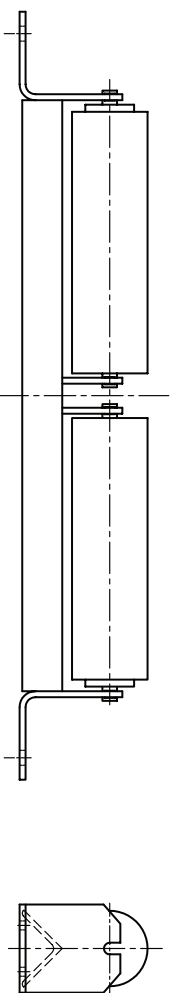
1 ROLL RDRT RETURN IDLERS



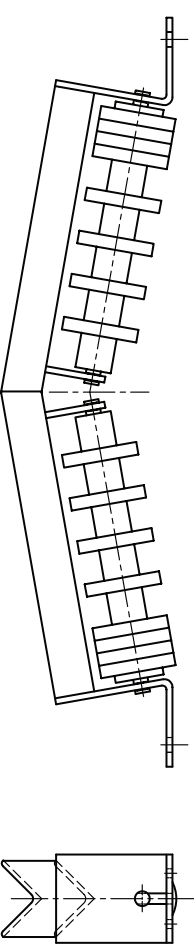
2 ROLL VEE RETURN IDLERS



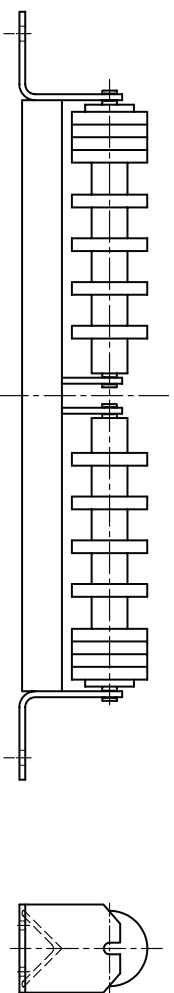
2 ROLL FLAT RETURN IDLERS



2 ROLL VEE RDRT RETURN IDLERS



2 ROLL FLAT RDRT RETURN IDLERS



K-Steel Trough and Return Rollers



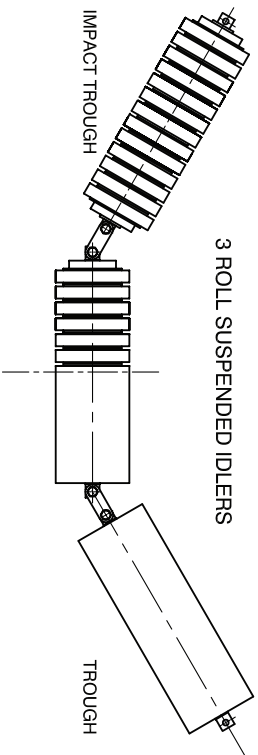
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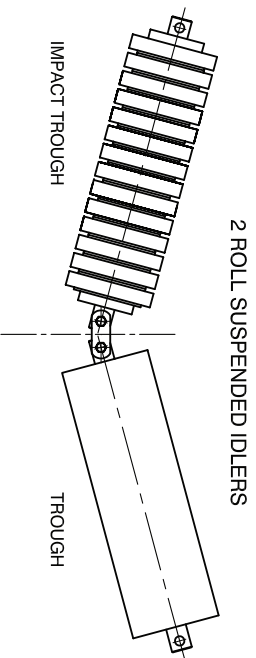
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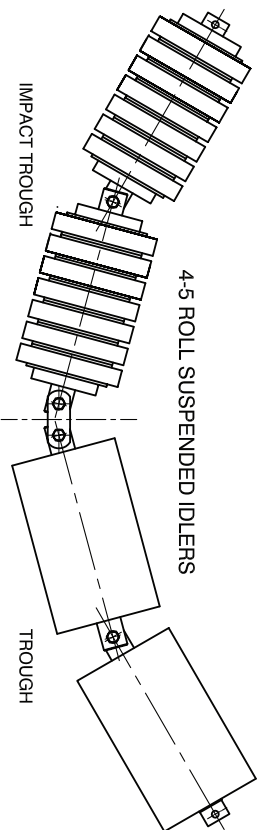
HEAVY DUTY HAVING THE ABILITY TO ABSORB HIGH IMPACT AND DEFLECT IMPACT ENERGY, ARE SELF CENTERING AND ELIMINATE BUILD UP OF MATERIAL ON STRUCTURE.



3 ROLL TROUGH SUSPENDED IDLERS
FOR USE ON BOLTTLESS
CONVEYOR STRUCTURES



2 ROLL VEE RETURN
SUSPENDED IDLERS



2 ROLL VEE SUPPORTING TYPE DISC
RETURN SUSPENDED IDLERS

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