

# FLEXCO Impact bed Advantages.

AND COMPARISON TO LOCAL COMPETITION.



# Introduction to Flexco Impact Bed:

- ▶ Flexco Impact Beds are designed to offer a simple and effective means of protecting the belt in the load zone. Specification and installation of the bed is made easier with adjustable trough angles, while still providing the rugged durability found with all Flexco products. The series features universal components that result in an effective, yet affordable, solution. Impact beds can be paired with Flexco Slider Beds to create a holistic load zone system.



# Basic Features:



## *Features and Benefits*

- **Protect the belt.** 75mm (3") rubber and UHMW impact bars effectively absorb the impact from falling material, while the long-wearing UHMW outer slider bar seals the load zone.
- **Ease of service.** Simply lower troughing angles to provide easy access to the bars and bolts for quick and safe maintenance.
- **Options and ease of specification.** Available in both light duty and medium duty options, with adjustable trough angles at 20°, 35°, 45°, the FlexcoImpact Beds are designed to complement Flexco's HD DRX Impact Beds.
- **Family of products.** Can be paired with the Flexco Slider Beds to create a holistic load zone system.

# Comparison of Flexco Impact bed with locally made Equipment's

| Flexco Make Impact bed   | Normal Impact bed/Locally made Impact bed/ Impact roller   |
|--|--|
| <ul style="list-style-type: none"> <li>➤ FLEXCOs patented Velocity reduction technology capable of handling impact energy of 25 Kg-m which gives a tonnage rating of 4700 (metric ton /Hr)</li> </ul>                              | <ul style="list-style-type: none"> <li>➤ Are made with locally fabricated non engineered technology with no specification on tonnage rating and capability of handling impact energy.</li> </ul> |
| <ul style="list-style-type: none"> <li>➤ Made in accordance to CEMA standards and rating.</li> </ul>   | <ul style="list-style-type: none"> <li>➤ No certified international standard is followed.</li> </ul>   |
| <ul style="list-style-type: none"> <li>➤ Specific auditing and data collection is done to meet individual conveyors requirements.</li> </ul>   | <ul style="list-style-type: none"> <li>➤ Same impact bed is supplied irrespective to the conveyor requirements .</li> </ul>  |
| <ul style="list-style-type: none"> <li>➤ Flexco Impact bars are made up of a combination of UHMW Polyethylene, rubber cushion and aluminum extrusion to optimally absorb the impact energy as well as protect the belt.</li> </ul> | <ul style="list-style-type: none"> <li>➤ No such precaution are made to protect the belt.</li> </ul>   |

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| Flexco Make Impact bed   | Normal Impact bed/Locally made Impact bed/ Impact roller  |
|--|---|
| <ul style="list-style-type: none"><li>➤ UHMWD is proven to have less coefficient of friction with belt resulting in less friction with belt which is optimal for belts life.</li></ul> | <ul style="list-style-type: none"><li>➤ The PU or Rubber material used in local impact beds which has higher coefficient of friction resulting in increase of friction and creating possible hazards for belt life.</li></ul> |
| <ul style="list-style-type: none"><li>➤ Simply lower troughing angles to provide easy access to the bars and bolts for quick and safe maintenance.</li></ul>                           | <ul style="list-style-type: none"><li>➤ Troughing angles are not adjustable complicating maintenance and installation activities.</li></ul>   |
| <ul style="list-style-type: none"><li>➤ Available with adjustable trough angles at 20°, 35°, 45° making it versatile &amp; flexible in-terms of usability.</li></ul>                   | <ul style="list-style-type: none"><li>➤ Fixed trough angles make them rigid and limiting in-terms of usability.</li></ul>   |

Thank You .