

Serving Industry Since 1919



Unique Technical Features of Kocurek Teledippers and Telescopic arms

Simple Design

Our unique and patented gravity extend system uses a third of the components of our competitors powered out telescopic arm. Less parts used, equals less parts to break, equals a more reliable teledipper.

If your teledipper breaks down on a job, then the shift stops, the dump trucks stop, the job stops, your profit stops !!



Use of Slide Rollers

Slide rollers give a lower amount of friction than the slide pads used by our competitors, less friction equals faster telescoping speeds, and equals faster working cycle and more production per shift.

Engineered For Flexibility

Customers don't know exactly what jobs they will be working on in a year or five years, so it's important that a design and manufactured teledipper be as flexible as possible.

An example is that the 30m teledipper which can be used on a 35t excavator with a 1.5 cubic metre (Cm) bucket. The same teledipper size is manufactured strong enough to be used on a 50t excavator with a 2.2 Cm or 2.6 Cm bucket.

High Build Quality

The highest quality Swedish Steel is used such as 'Weldox' and 'Strenx'. Weld prep of the plates - many manufacturers don't do this as it's expensive, however our manufacturer machine a chamfer / angle on each side of EVERY plate used to fabricate the teledipper tubes.



External Mounted Parts

All major parts of the operating mechanism are externally mounted.

This makes daily safety checks practical to do, and service work simple eg. Replacement of slide roller takes 10 minutes, replacement of our competitors powered out telescopic slide pads takes 2 days, and you need 150 foot long yard with two forklifts to support the arm extended!!



If required, we can also fit a modular joint in your excavator boom - this enables rapid change over (20 minutes) from teledipper to standard digging or other application.



Simple Hose Management System

We use a weighted gravity operated hose trolley on external rails.

Bolt on Hanger Bracket for Excavator Boom

This enables you to swap one teledipper between multiple excavators of differing brands in your fleet, and does away with the need for a dedicated base carrier excavator.



Standard camera system and LED lights are installed above the working attachment. Hydraulic Clamshell Bucket or Grapple with 360 degree operation standard. Designed with teeth or scrapers to remove debris that can stick. Easily handle loose soil, blasted rock, clay and other debris.

Other teledippers use either long internal hanging loops of hose, or complex internal tensioning systems with daily adjustments required.

Our hose system has a number of advantages:

1. An external system can use much bigger pulleys than an internal system, as it has no limitation on space - big pulleys have a larger bending radius, with the resultant rope and hose life increase already mentioned above.
2. Being external, if a hose starts to fail, it will be noticed on the daily checks, this is not possible when the hoses are difficult to see, inside a 12m or 40 foot long telescope tube.
3. Internal hoses used on other telescopic arms suffer from abrasion and tube erosion as they rub on the telescoping sections on each extend / retract cycle.

The use of anti-abrasion hose covering on these teledippers with internal hose systems, is not really a solution, the best way is to eliminate abrasion and bending in the first place, which our hose system does.

Externally mounted hoses don't touch any telescoping components, which eliminates the entire hose problem at a stroke.

4. No need for complicated hose tension adjustment mechanisms. We use gravity to tension our hoses, and gravity always works (always!!) with no adjustments needed!!



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