

Kocurek Teledippers



The natural choice for serious construction customers

Two year warranty

Fixed buy back prices

Units available from stock

Worldwide delivery and install

Lowest cost per tonne of material excavated

Lowest excavation cost, is achieved by having the fastest cycle times, largest bucket and most reliable teledipper on the market, with high resale value



Simple Design

Our unique and patented gravity extend system uses a third of the components of our competitors powered out teledippers.

Less parts used, equals less parts to break, equals a more reliable teledipper

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

Externally Mounted Parts

All major parts of the operating mechanism are externally mounted.

This makes daily safety checks practical to do, and service work simple e.g. replacement of our slide roller takes 10 minutes, replacement of our competitors powered out teledipper slide pads takes 2 days, and you need a 150 foot long yard with two forklifts !!



Simple Hose Management System

We use a weighted gravity operated hose trolley on external rails, 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 long telescope tube
3. Internal hoses used on other teledippers suffer from chaffing, as they rub on the telescoping sections on each extend / retract cycle

The use of anti chaff hose covering on these teledippers with internal hose systems is not really a solution, the best way is to eliminate chaffing in the first place, which our hose system does. Externally mounted hoses don't touch any telescoping components, which eliminates the entire hose chaffing problem at the source.

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

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 its expensive, however we

machine a chamfer / angle on each side of EVERY plate used to fabricate the teledipper tubes

This ensures perfect weld penetration and gives a much stronger teledipper tube, able to

cope with real world site conditions. The teledipper tubes are robot welded, to ensure perfect weld consistency and no weak spots .



Use Of Slide Rollers

Slide rollers give lower coefficient of friction than the slide pads used by our competitors, less friction equals faster telescope speeds, equals faster working cycle, equal more production per shift



Range of Sizes

Excavators and jobsites don't come in only one size, so why should a teledipper. Unlike other manufacturers, our teledippers are available in 25, 30 & 40m sizes to suit a variety of excavators and applications



Engineered For Flexibility

Customers don't know exactly what jobs they will be working on in a year or five years, so its important that we design and manufacture our teledippers to be as flexible as possible

An example is that our 30m teledippers can be used on a 35t excavator with a 1.75 cubic metre (m3) attachment, but same actual teledipper is designed to be strong enough to be used on a 50t excavator with a 2.0 m3 attachment (twice the capacity of a Hitachi Chameleon)

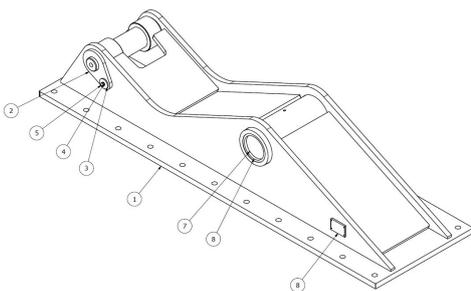
Bolt On Hanger Bracket For Excavator Boom

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.

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



We can supply multiple hanger brackets and multiple buckets with your teledipper to allow for a limitless variety of applications to be supported by your teledipper.



Teledipper Attachments

We offer a range of attachments to complement your teledipper, these are broken down by duty and size of excavator, you can purchase multiple sizes and styles of attachment to allow maximum versatility of your teledipper.

All of the attachments that we sell are of the highest quality and feature

1. Cylinder protection as standard
2. Muck ejectors to prevent material build up of clay etc, a dual function of these are to prevent spoil loss during the retract period (an important health and safety consideration for workers in the shaft)
3. Interchangeable shells / jaws to increase capacity
4. Extra heavy duty Swedish hydraulic rotator
5. Large diameter central tower / frame for overall robustness
6. Oversize pins and bushes for long life
7. Sealed pins to prevent dirt ingress

The table below shows the range of “standard” sizes and configurations, but custom options can be provided if required.

50t Class 30m TD	Duty	Capacity (L)	Style
	Standard	2000	Clamshell
	Heavy	1250	Orange Peel

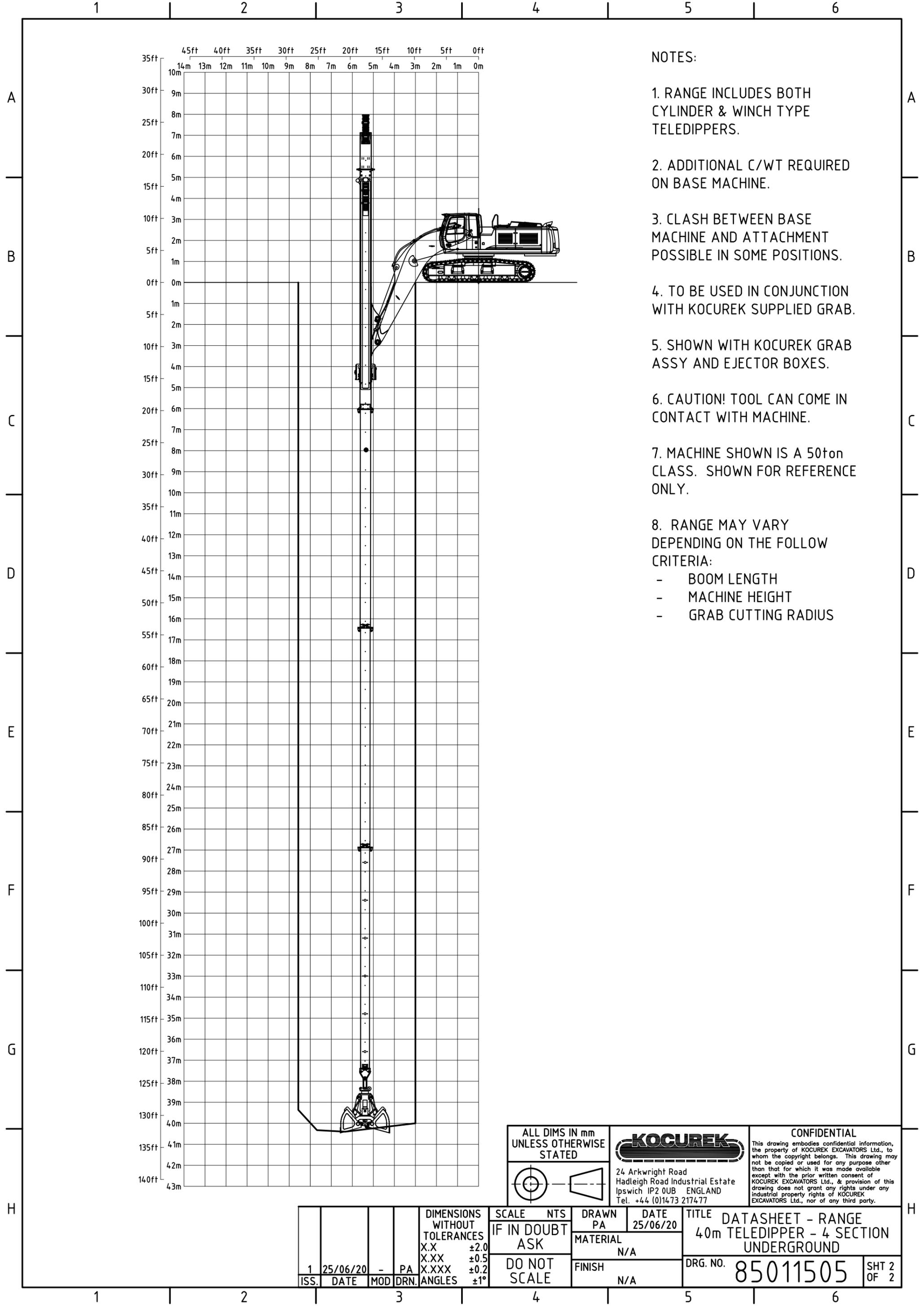
35t Class 30m TD	Duty	Capacity (L)	Style
	Standard	1750	Clamshell
	Heavy	1250	Orange Peel

35t Class 25m TD	Duty	Capacity (L)	Style
	Standard	1750	Clamshell
	Heavy	1250	Orange Peel









NOTES:

1. RANGE INCLUDES BOTH CYLINDER & WINCH TYPE TELEDIPPERS.
2. ADDITIONAL C/WT REQUIRED ON BASE MACHINE.
3. CLASH BETWEEN BASE MACHINE AND ATTACHMENT POSSIBLE IN SOME POSITIONS.
4. TO BE USED IN CONJUNCTION WITH KOCUREK SUPPLIED GRAB.
5. SHOWN WITH KOCUREK GRAB ASSY AND EJECTOR BOXES.
6. CAUTION! TOOL CAN COME IN CONTACT WITH MACHINE.
7. MACHINE SHOWN IS A 50ton CLASS. SHOWN FOR REFERENCE ONLY.
8. RANGE MAY VARY DEPENDING ON THE FOLLOW CRITERIA:
 - BOOM LENGTH
 - MACHINE HEIGHT
 - GRAB CUTTING RADIUS

ALL DIMS IN mm UNLESS OTHERWISE STATED	KOCUREK	CONFIDENTIAL <small>This drawing embodies confidential information, the property of KOCUREK EXCAVATORS Ltd., to whom the copyright belongs. This drawing may not be copied or used for any purpose other than that for which it was made available except with the prior written consent of KOCUREK EXCAVATORS Ltd., & provision of this drawing does not grant any rights under any industrial property rights of KOCUREK EXCAVATORS Ltd., nor of any third party.</small>
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1	25/06/20	-	PA	DIMENSIONS WITHOUT TOLERANCES	SCALE	NTS	DRAWN PA	DATE 25/06/20	TITLE DATASHEET - RANGE 40m TELEDIPPER - 4 SECTION UNDERGROUND
					ISS.	DATE			
				ANGLES ±1°	DO NOT SCALE		FINISH N/A		SHT 2 OF 2