



# MATERIAL HANDLING



*\*Photo may include optional equipment*

# THE MULTI-PURPOSE MATERIAL HANDLER

Our goal in designing highly efficient material handling solutions is to help our customers “Scale New Heights in Productivity” in handling bulk materials.

The machine is designed from ground up, transforming from a standard excavator into a piece of highly sophisticated equipment. The most attractive proposition of an excavator-based machine is its fully hydraulic control, which is undisputedly more efficient, easier to operate and less costly to operate and maintain than any traditional crane based material handling machine.



The track crawler undercarriage is widened and lengthened to create a larger footprint. This modification ensures that the foundation is both rock solid and safe for the upper structure. Coupled with the swift motion of an articulating operator cabin mounted on an elevated platform, it offers the operator an unobstructed aerial visibility. This highly customized machine delivers the ultimate efficiency and flexibility for handling break bulk, dry bulk, general cargo and dock side, material handling at scrap yard, etc, achieving higher production throughput and long-term cost saving.

## Application

- High volume bulk material handling.
- Ideal for loading and unloading bulk cargo at docks.
- Replaces cable operated material handling machines.
- suitable for loading and unloading, stacking, transshipment and packaging of scrap steel yard, wharf yard, railway yard, garbage treatment and light material industry.

## Features

- Widened and lengthened crawler track for stability.
- Elevated structure with safety platform and hand rail.
- Articulating operator cabin for excellent aerial visibility.
- Long reach front for maximum accessibility.



*\*Photo may include optional equipment*

# BUILT TO LAST

## STRONG. PRODUCTIVE. EFFICIENT

## From strong to stronger

Built on experience, this machine will always perform dependably, keeping productivity high and downtime low.

## Proven Design

more than 15 years of experience with proven reliability. Boom and stick structures are designed extensively use of high strength steel for durability and reliability.



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## Quality Cylinder & Safety Valve

OEM grades cylinders cater for the harsh working environment. Cylinders installed with load hold valve for enhance safe operation.

**Built for tough job**  
designed and tested in the toughest condition with different attachments

## Versatility

Maximise your machine's productivity with a range of attachments

*\*Photo may include optional equipment*

# Material Handling Package

Each Material Handling package comes standard with the following items:

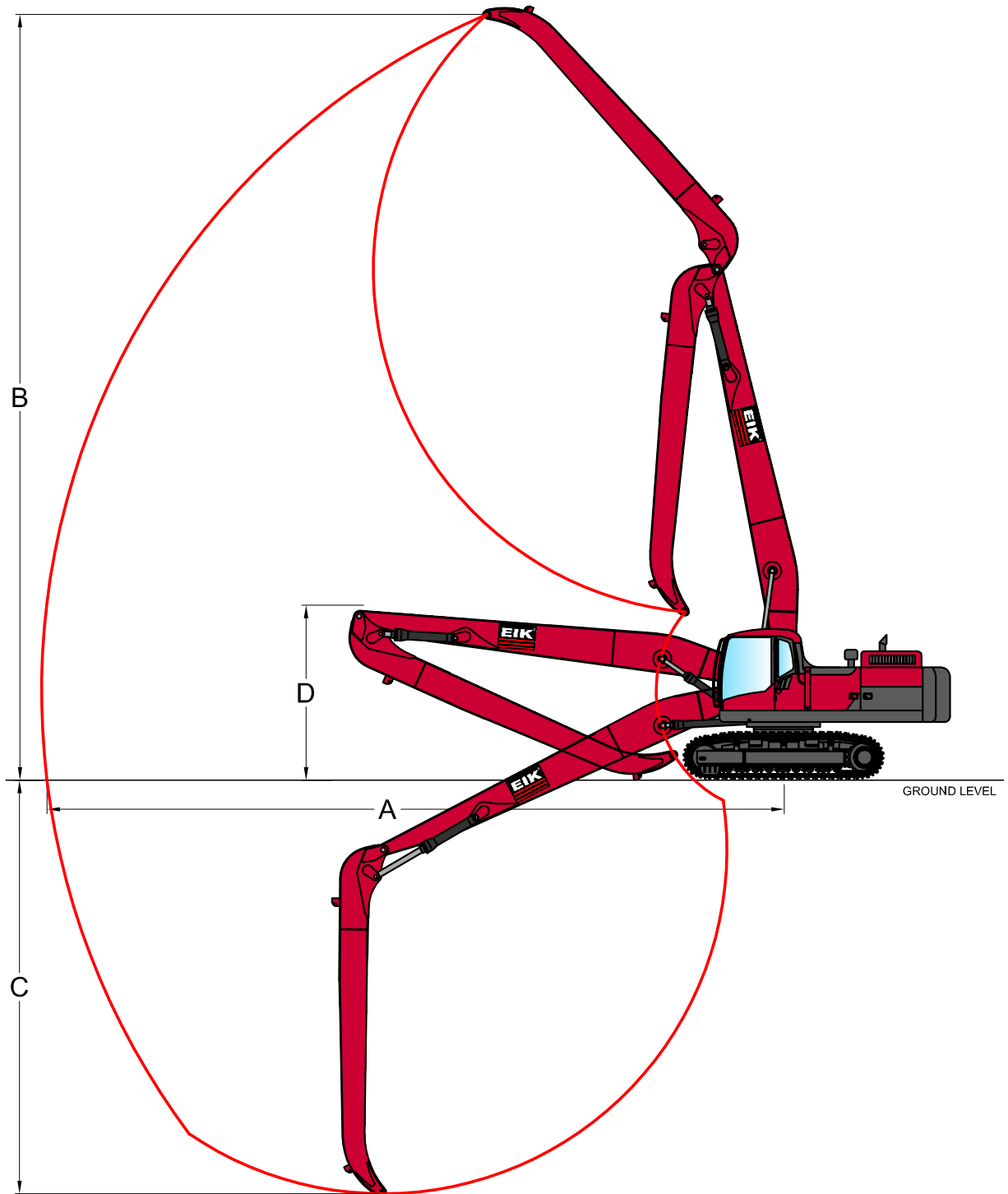
- 1x heavy duty Boom
- 1x heavy duty arm with goose neck
- 1 pair hydraulic line for arm cylinder
- 1 pair hydraulic line for front attachments

## Material Handling Specifications

Excavator Operating Weight	Length		A		B		C		D	
			Max. Arm Point Reach		Max. Arm Point Height		Max. Arm Point Depth		Boom Height	
	m	ft	m	ft	m	ft	m	ft	m	ft
33 -38 ton (72,600 - 83,600 lb)	15.5	50	15.58	51' 1'	16.40	53' 9'	8.45	27' 8'	3.25	10' 8'
40 - 45 ton (88,000 - 99,000 lb)	17.0	55	17.06	56' 0'	18.15	59' 6'	7.25	23' 9'	5.60	18' 4'
46 - 53 ton (101,200 - 121,000 lb)	17.0	55	17.06	56' 0'	18.15	59' 6'	7.25	23' 9'	5.60	18' 4'
60 - 68 ton (132,000 - 149,600 lb)	18.5	60	18.59	61' 0'	20.20	66' 3'	6.50	21' 3'	6.20	20' 3'
70 - 78 ton (154,000 - 171,600 lb)	20.0	65	20.08	65' 10'	20.80	68' 2'	10.60	34' 9'	6.78	22' 2'
80 - 95 ton (176,000 - 209,000 lb)	21.5	70	21.51	70' 7'	22.80	74' 9'	10.50	34' 4'	6.95	22' 9'
100 - 125 ton (220,000 - 275,000 lb)	25.0	80	25.02	82' 0'	26.25	86' 1'	13.15	43' 1'	7.30	23' 10'

- Length offer for single & dual arm cyl material handling are the same.
- Working range & dimension in the table are based on dual cyl design it may varies with single cylinder design depends on arm cylinder model.

# EIK Material Handling Working Range





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