

**POWERMASTER**

# AERIAL BUNDLE EXTRACTOR



[www.powermaster.in](http://www.powermaster.in)

# Product Profile

## THE TUBE BUNDLE EXTRACTOR

**POWERMASTER** Aerial Bundle Extractor is a self-contained unit which is easily lifted by a crane. It has a diesel engine, which drives the hydraulic system and is operated via a wired or wireless remote. Hydraulic winch with 2 hydraulic motors and 4 gear wheel for smooth operation.

Aerial Bundle Extractor are manufactured on the latest state of the art machining centers that ensure high accuracy and zero defects. Faster working due to the head prism movable up and down, More safety for the operator due to wireless remote control system.

**POWERMASTER** have found worldwide acceptance due to their rugged design, broad range and superior performance. We continue to invest in and employ the latest technology to achieve the highest level of innovation, quality, and performance which ensure maximum flexibility and responsiveness enabling quick deliveries and customer satisfaction.

Since the development of the first so called, "Bundle pullers" in the late 60's, this successful product has gone through some major changes. Where the first bundle pullers were huge, air driven and slow machines, the new design is all self-contained, easy to operate and slim, making it possible to pull nearly any bundle with minimal effort.

### Corporate Headquarters

A-701-702, T.T.C. Industrial Area,  
Mahape - Turbhe Road,  
M.I.D.C, Khairne,  
Navi Mumbai - 400 705, INDIA.  
Telfax : +91.22.6761 9100

### Plants

A-660, T.T.C. Industrial Area,  
Mahape - Turbhe Road,  
M.I.D.C, Khairne,  
Navi Mumbai - 400 705, INDIA.  
Telfax : +91.22.6761 9100

W-224, T.T.C. Industrial. Area,  
Thane - Belapur Road,  
M.I.D.C, Khairne,  
Navi Mumbai - 400 705, INDIA

A-87, T.T.C. Industrial. Area,  
Thane - Belapur Road,  
M.I.D.C, Khairne,  
Navi Mumbai - 400 705, INDIA

**Distribution available in over 110 countries worldwide.**

# AERIAL BUNDLE EXTRACTOR

## BUNDLE CAPACITY 10 TON TO 110 TON

As the world changes, so do the successful organizations could with sufficient solution. We have been fortunate to keep up with these new developments and have included improved increased the Aerial Bundle Extractors. we have kept in mind critical criteria and design features in making the Aerial Bundle Extractors as reliable as possible for work in both the coldest and hottest climates. We have added new design features for better operational control of systems.



### Key Features

1. Our Aerial Bundle Extractor is a self-contained unit which is easily lifted by a crane. It has a diesel engine, which drives the hydraulic system and is operated via a wired or wireless remote.
2. 45T and higher models comes with dual motors. This contributes to a higher pulling force of 60T at a relatively low pressure of 190 Bar. The dual hydraulic motor set-up also allows you to select the speed of the bundle-pulling process. There is a selection lever on the winch, which gives mean to control the speed. The working pressure is 190 Bar, and there is no need for an oil cooler in system.
3. We use large Module (10) for the rack and pinion drives. With a 45T and above unit. This large module is deliberately chosen as it is robust and over designed for the work and weights encountered. Again this is done intentionally to make the Aerial Bundle Extractor highly reliable.
4. Removable V-Blocks gives more flexibility when extracting and inserting bundles. You need to be able to remove these occasionally as a flange, or another obstacle might be in the way.
5. All models are equipped with rear extension pieces, giving the operator more flexibility. You can keep the Aerial Bundle Extractor compact for confined areas or make it longer for the bundles with more length. The rear extension pieces are easily fitted, and the relevant hydraulic hoses and energy chains are compatible for this.

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6. Our standard scope of supply includes all the relevant wire ropes and shackles.
7. The knowledge and expertise gathered are used to make the Aerial Bundle Extractors as they are today.



Since the development of the first so called, “bundle pullers” in the late 60's, this successful product has gone through some major changes. Where the first bundle pullers were huge, air driven and slow machines, the new design is all self-contained, easy to operate and slim, making it possible to pull nearly any bundle with minimal effort.

Depending on the weight, length and diameter of the bundle, we can offer you a custom made extractor ranging from 10T up to 125T capacity.

The extractor is clamped to the exchanger by means of 2 hydraulic ram driven clamps at the front of the machine. Two steel slings are secured around the shell to make sure the extractor is absolutely fixed to the shell before we start to pull it out. Slings too are operated by 2 hydraulic rams.

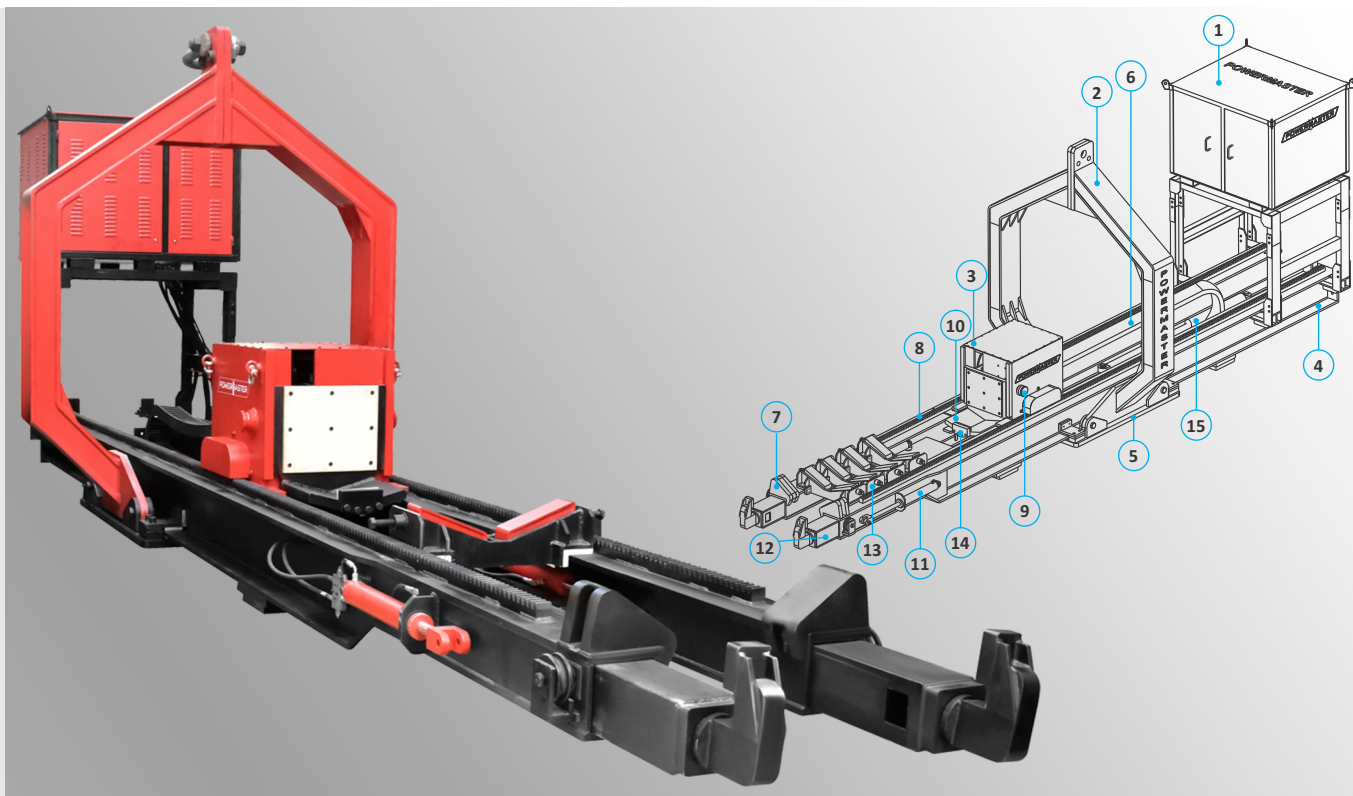
With a very powerful hydraulic pull winch, we easily pull the exchanger out of the shell without putting any stress on the foundation. The pull winch is equipped with a vertical lifting jack system which can hydraulically raise and lower to make sure the bundle is always in line with the shell while pulling.

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Once the bundle is pulled out, the operator balances the extractor by moving the lifting hoisting frame forward with his pendant /remote control.

When the extractor is in balance, the slings at the front will become slack and the operator can now safely disconnect the extractor from the shell and lower the extractor to the ground.



Once on the ground, the balance frame can be moved backwards and the bundle moved forwards so the bundle can be lifted out without dismantling the extractor.

## Features

1. Engine Compartment.
2. Hoisting Frame (Arc).
3. Winch.
4. Main Frame.
5. Balance plate with four guide plates.
6. Hose Chain Rack.
7. Butt plates.
8. Rack and pinion to drive the winch.
9. Extractor bollards.
10. Winch table.
11. Two sling cylinders.
12. Clamps and clamp cylinder.
13. V-blocks trolleys.
14. Extraction plate with plastic protection.
15. Balance Cylinder.

# AERIAL BUNDLE EXTRACTOR

## **BUNDLE CAPACITY 10 TON TO 110 TON**

Most bundles can be removed and put back in the shell, quickly and easily with our extractors.

### **Powermaster offers a wide range of bundle extractors**

1. ABE-020T-065E Our smallest extractor, capable of handling bundles up to 7 meter length, 1.6 meter diameter\* and bundle weight capacity of 20T. This is an extractor which is perfectly suitable for the confined areas thanks to its dimensions and its low own weight of approx 5T.
2. ABE-025T-070E One of our most popular extractors. It can handle bundles up to 8 meter in length and 2 meter diameter\*. As a larger extractor can also handle the smaller bundles it gives you added flexibility. A powerful winch with dual hydraulic motors will generate a continuous pulling force of 60T. Thanks to the dual motor set up the system works at a max of 190 Bar. This contributes to a much longer life of the extractor. This model is also available with the 2 meter rear extension to pull bundles up to 10 meter.
3. ABE-030T-080E Same capacities and suitable for bundles up to 9 meter in length. This model is also available with the 2 meter rear extension to pull bundles up to 11 meter.
4. ABE-045T-090E One of our most versatile extractors thanks to the front and rear extensions. This model allows you to pull even longer bundles. This rear extension will also allow you to enter much deeper into (super) structures.
5. ABE-060T-0100E Similar versatility as our other ES models but with a higher capacity winch (80T pulling force). This model is also available with a 2 meter rear extension to pull bundles up to 12 meter.
6. ABE-085T-0110E plus models As plants become larger, the exchangers grow with them. We have made custom exchangers of 100T plus models to accommodate specific projects. The standard extractor has a capacity of 125T and up to 10 meter bundle length. With 2 meter rear extension the capacity is reduced to 100T. The standard lifting frame is 3.5 meter.
7. ABE-110-110E is a model for heavy weight bundle to extractor upto 110T and 110 meter in length with working speed upto 2m/min. \*Different sizes of lifting frames are available with all extractors.



**POWERMASTER ENGINEERS PVT. LTD.**

A-701-702, T.T.C. Industrial Area, Mahape-Turbhe Road, M.I.D.C., Khairne, Navi Mumbai - 400 705, INDIA.

Phone: +91.22.6761 9100

Website: [www.powermaster.in](http://www.powermaster.in) email: [sales@powermaster.in](mailto:sales@powermaster.in)