

Our engineers specifically designed TerraSource Global's Pennsylvania Crusher Coalpactor to **work with wet or low grades of coal**. This specialized impactor's open-bottom construction and free-air impact design combine to **generate fewer fines and consume less horsepower per ton than hammermills**.

We manufacture multiple sizes and configurations of our Coalpactors. To help determine the best model for you, we provide **direct consultation with our engineering team at our Demonstration & Testing Center**. Our engineers will run your material through full-production units and perform a detailed analysis of the results. **They'll work with you to determine the right size and configuration for your critical processes** based on the extensive testing data. Go to [TerraSource.com](http://TerraSource.com) or ask your local sales representative for more details.

## Receive optimum value for your investment

- Rugged design efficiently **crushes high-moisture materials without losing capacity**
- Tight top-size control and minimum fines **increase your production capabilities**
- Open-bottom design **consumes less horsepower per ton and prevents overcrushing**
- Interchangeable breaker blocks **increase crushing surface and ensure even wear**
- Standard spherical roller bearings with tapered bore **accommodate large loads**
- Adjustable lower breaker block assemblies **compensate for wear without shutting down equipment**
- Alternative hammer arrangements **adapt equipment to your application**

## Minimize your downtime

- Hydraulic doors enable **quick and easy access to critical wear parts**
- Detachable center housing section **permits easy removal of the rotor assembly**
- Split pillow-block housing **enables fast and simple inspection and maintenance**
- Standard synchronous gear jacks **rapidly adjust tip clearance**
- Cast breaker blocks **enable speedy maintenance**
- Drilled and tapped rotors **allow quick hydraulic removal of bearings and avoid damaging the shaft**
- Drilled and tapped suspension bar ends **facilitate hammer maintenance**

# Coalpactor®



*Hydraulic doors make accessing critical wear parts easy.*

## Built to last

- Heavy-duty construction **enables continuous operation and reliable service**
- Reversible rotation **equalizes wear on hammers and breaker blocks**
- Open bottom design **protects against damage from uncrushables**
- Keyed and clamped suspension discs **resist shifting during operation**

## Extended wear life

- Cast breaker blocks
- Carbon-manganese steel suspension discs
- Differentially heat-treated forged hammers
- Replaceable abrasion-resistant steel liners

## Benefit from a long-term partnership

Our teams of experts support you throughout the purchasing process and the life of your Coalpactor. Count on TerraSource Global to

- **Improve your operation's success** with our application expertise
- **Maintain original OEM performance** with precision parts and our rebuild program
- **Ensure smooth unit integration** with skilled start-up and installation assistance
- **Apply our extensive knowledge** to train and support operators and maintenance personnel

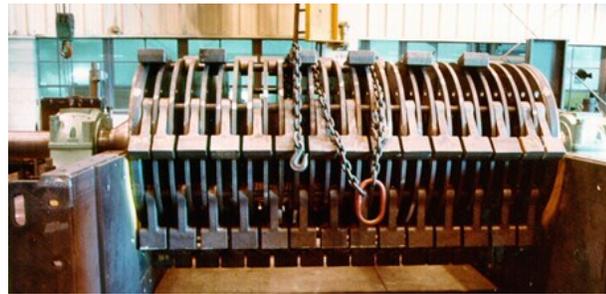
# Equipment and Component Photographs



Top left: Shallow breaker block design reduces coal build up and increases crushing surface.

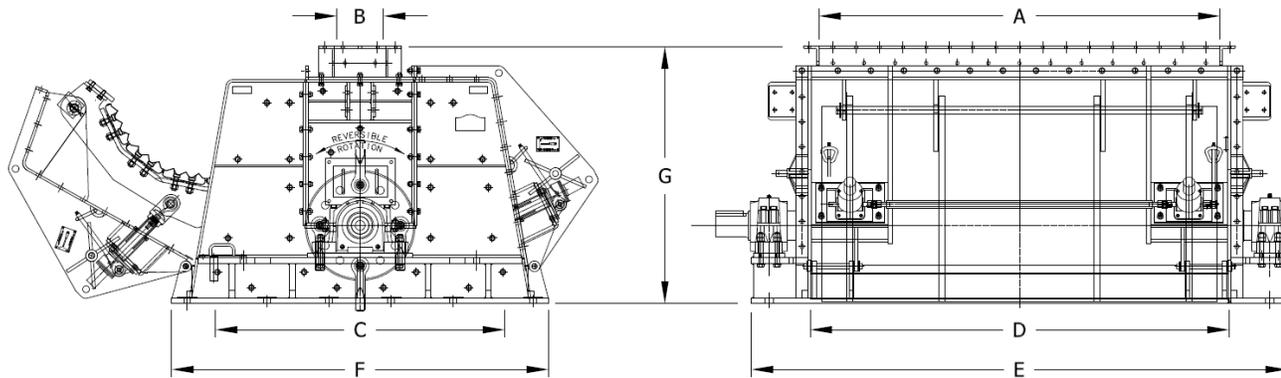
Top right: Curved breaker block assembly matches the hammer circle profile.

Right: Reversible rotor equalizes wear and extends part life.



## Dimensions and weights

The following diagram and table illustrate approximate dimensions and weights of our models.



### Approximate dimensions\* (in. and mm) and shipping weights

| Model No. | Input Opening (A) | Input Opening (B) | Discharge Opening (C) | Discharge Opening (D) | Length (E)       | Width (F)       | Height (G)   | Weight (LBS., KG) |
|-----------|-------------------|-------------------|-----------------------|-----------------------|------------------|-----------------|--------------|-------------------|
| 9-38      | 37 3/8" (949)     | 10" (254)         | 58" (1,473)           | 39 3/8" (1,000)       | 58 3/8" (1,482)  | 80" (2,032)     | 49" (1,245)  | 10,000 (4,526)    |
| 15-44     | 73" (1,854)       | 12" (305)         | 74 1/2" (1,892)       | 78 3/4" (2,210)       | 109 1/2" (2,781) | 97" (2,464)     | 66" (1,676)  | 31,000 (14,061)   |
| 19-44     | 85 1/2" (2,172)   | 12" (305)         | 74 1/2" (1,892)       | 87" (2,851)           | 112 1/4" (2,851) | 97" (2,464)     | 66" (1,676)  | 34,000 (15,422)   |
| 23-44     | 102" (2,591)      | 12" (305)         | 74 1/2" (1,892)       | 107 3/4" (2,737)      | 138 1/2" (3,518) | 97" (2,464)     | 66" (1,676)  | 40,300 (18,280)   |
| 23-50     | 102" (2,591)      | 13" (330)         | 74 5/8" (1,895)       | 107 3/4" (2,737)      | 138" (3,505)     | 97 1/8" (2,467) | 70" (1,778)  | 42,000 (19,051)   |
| 707       | 106" (2,692)      | 19" (483)         | 126" (3,200)          | 108" (2,743)          | 154" (3,912)     | 147" (3,734)    | 106" (2,692) | 90,850 (41,209)   |

\*Certified drawings furnished for installation. AutoCAD drawings available upon request.  
Supervised installation available.

**TERRASOURCE**  
GLOBAL

OUR FLAGSHIP BRANDS

GUNDLACH CRUSHERS    JEFFREY RADER    Pennsylvania Crusher