

## The PCA - ZRC Single Pass Decorticating Machine



*For inquiries please contact:*

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## Machine Specifications

- **Type:** Axial Flow/Drum

### Overall Dimensions:

- **Length:** 1.0 meter (cylinder), 2.30 meters (with trailer)
- **Width:** 0.65 meter (cylinder), 1.5 meter (with 2 side wheels)
- **Height:** 1.35 meters (with tire)
- **Engine:** 12 HP, Diesel Engine
- **Coir Quality Output:** CH3 Fiber
- **Capacity:** 5,000 Husks per day, single pass
- **Input:** 637pcs. (178.13kg.) Husks per hour
- **Output:** Coir Dust = 114kg. (64%) per hour  
Coir Fiber = 28kg. (16%) per hour
- **Fuel Consumption:** 2 liters/hour; 16 liters/day
- **Unit Price:** 300, 000.00 Php



## Features of the Single Pass Decortivating Machine

- Low maintenance; high output Decortivating Machine
- Capable of producing clean long fibers in a single pass thus producing the desired quantity and quality of the coir fibers within a short period of time
- Overall mechanical durability is excellent thus, less likely to break down even when used frequently under any circumstance
- Designed to be mobile, giving small coconut farmer groups or small medium entrepreneurs the flexibility to operate the machine where the coconut husks are located whether on the field or within their production facility
- Reduces the cost of hiring excess manpower to operate the Machine since two people is sufficient to oversee the operation
- Reasonably priced technology

## Uses of Coir Fiber and Coir Dust

- Upholstery Cushion
- Car Seat Stuffing
- Mats and Mattresses
- Filters and Yarns
- Tufted Carpets
- Twines, Ropes, Cordages and Nets
- Brushes and Brooms
- Wall and Floor Coverings
- Cushion and Padding Materials
- Caulking Material for Boats
- Insulation Materials
- Filtration Pads and Carpet Underlay
- Coir Geo – textiles (Soil Erosion Materials)
- Soil Conditioning Agent (Coir Dust)
- Soil Mulching (Coir Dust)
- Peat Moss Substitute (Coir Dust)

