



Republic of the Philippines
Department of Agriculture
PHILIPPINE COCONUT AUTHORITY
ZAMBOANGA RESEARCH CENTER
NON-FOOD PRODUCTS DEVELOPMENT DIVISION



Department of Agriculture
PHILIPPINE COCONUT AUTHORITY
ZAMBOANGA RESEARCH CENTER
NON-FOOD PRODUCTS DEVELOPMENT DIVISION
San Ramon, Zamboanga City 7000
P.O Box 356

Tel/Fax: (062) 982-0302
Email: pcazrc2018@gmail.com
pcanfpdd@gmail.com

PCA SINGLE PASS MOBILE DECORTICATING MACHINE

MACHINE SEPCIFICATIONS

Type: Axial Flow/Drum

Overall Dimensions:

Length: 1.0 meter (cylinder)

2.30 meters (with trailer)

Width: 0.65 meters (cylinder)

1.65 meter (with 2 side wheels)

Height: 1.35 meters (with tie)

Engine: 14- Hp Diesel Engine

Coir Quality: CH3

Capacity: 4,000-5,000 husks per day

Single Pass

Output: Coir: 30% by weight

Coir dust: 70% by weight

Fuel Consumption: 2 Liters/hour

Unit Price: Php 450,000.00

(Including freight cost)



FEATURES

- ⊙ Low maintenance; high output
- ⊙ 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 circumstances
- ⊙ 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
- ✓ Cushion and padding Materials
- ✓ Caulking Material for Boats
- ✓ Insulation Materials
- ✓ Filtration Pads and Carpet Underlay
- ✓ Coir Geotextiles (Soil Erosion Materials)
- ✓ Soil Conditioning Agent (Coir Dust)
- ✓ Soil Mulching (Coir Dust)
- ✓ Peat Moss Substitute (Coir Dust)

