

Empty Bunch Press



Innovative Palm Oil Process Solutions

Empty Bunch Press

Sawipac® Empty Bunch Press (EBP) is a horizontal single screw press specially developed to extract water and free oil from the fresh empty bunches. The presses are designed with a hydraulic adjusting cone for a constant dewatering. An additional set of shearing blades for empty bunch size reduction.

Technical Specifications			
Model		EBP-8-75	EBP-8-75H
Make		ES Empty Bunch Press	ES Empty Bunch Press c/w 2.2kW Hydraulic Adjusting Cone
Type		Horizontal Single Screw	Horizontal Single Screw
Average Capacity		9 Mt EB per hour	9 Mt EB per hour
Press Material	Body	Cast steel	Cast steel
	Cage	Mild steel	Mild steel
	Worm Screw	Cast steel 1% CrMo	Cast steel 1% CrMo
	Cone Point	Cast steel with hardfacing	Cast steel with hardfacing
	Discharge Sleeve	Cast steel	Cast steel
	Main Shaft	En19 or equivalent	En19 or equivalent
	Bearings	SKF	SKF
Motor		75kW (100hp)	75kW (100hp)
Gear Box		Triple Reduction Helical	Triple Reduction Helical

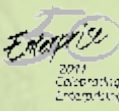


Durable
Sustainable
High Efficiency

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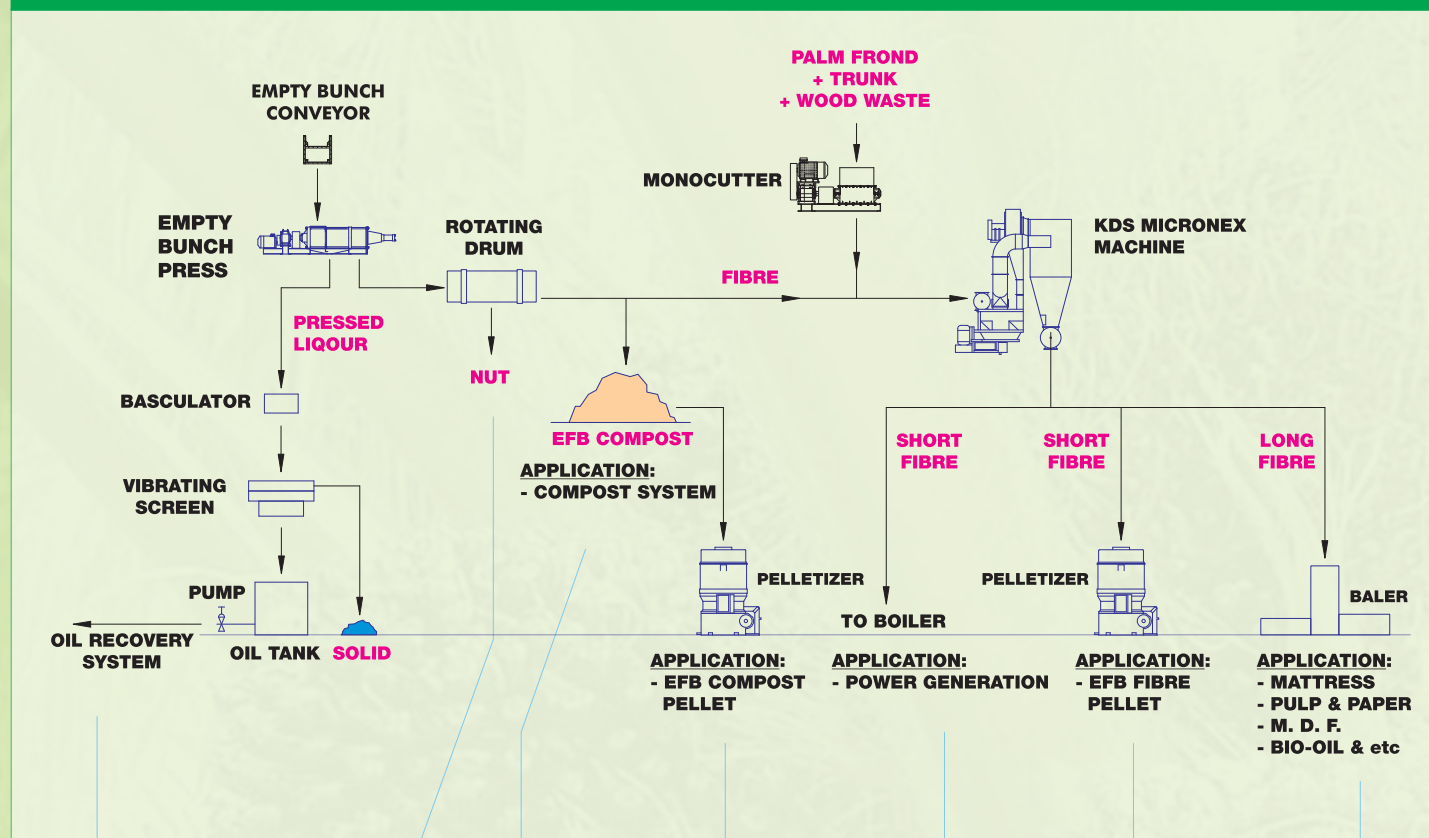
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Schematic Flow Diagram of Fresh Fruit Bunch Preparation System



Nut Recovery



EFB Compost Pellet



EFB Fibre Pellet



Oil Recovery



Compost



Power Generation



Dried Fibre Production



FFB Sample before press



FFB Sample after press

Performance

- ✓ Worm Screw Running Hour
- 2000 hours
- ✓ Solid Content
- Approximately 10% to pressed liquor sample
- ✓ Maintenance Period
- 4 to 5 months
- ✓ Pressed Liquor
- Can be easily separated



Benefits

- ✓ Oil Recovery
- 0.15% to 0.25% to FFB
- ✓ Capacity
- 5 to 9 tonnes EFB/hour on product requirement
- ✓ Low Maintenance Cost
- ✓ Hard Bunched
- Designed to handle hard or big bunches with no jamming
- ✓ Operator Friendly
- ✓ Bunch Crusher
- Not required