

KIRAN ENGINEERS

FUEL SIZING MACHINES

PRODUCT RANGE

DISK CHIPPER – 15-20 HP

- Suitable for small boilers with 1-1.5 tons/hour of output. Recommended where use of Coal/Rice Husk are to be replaced in small installations. Recommended for GASSIFIER APPLICATIONS.

DISK CHIPPER – 50-75 HP

- Suitable for power plants and medium range boilers with 25-50 tons per day of fuel requirement. Medium capacity machine with good productivity of 4-6 tons per hour.
- Suitable for hard woods like Julia flora, mango etc with sizes upto 5" dia. Chips of 20-25 mm length.
- Equipped with integrated & universally adjustable Motor Bed plate to accommodate 50 to 75 HP motors.

DISK CHIPPER – 75-150 HP

- Suitable for hard woods like Julia flora, mango etc with sizes upto 9" dia.
- Large capacity machine with output of 6-10 tons per hour. Chips of 20-25 mm length.
- Equipped with integrated & universally adjustable Motor Bed plate to accommodate 75 to 150 HP motors.

MEGA CHIPPER – 150-250 HP – with In-Feed Conveyor

- Apart from above, this machine is equipped with 6000 mm infeed conveyor and a specially designed Stock-Feeder, which enhances the capacity of the chipper to 12-16 tons per hour.
- Ergonomical Operating height of 1 meter, improved safety, more production for same input power, Optimum Utilization of equipment.

ROTARY DRUM CHIPPER: 900mm dia x 600 width-4 knives

- Suitable for pulp & paper mills plants and large applications with more than 100 tons per day of processed chips/fuel requirement. With an output of 15 to 30 tons per hour.
- Supplied along with fluted feed rolls, in-feed and discharge conveyors.
- Can handle all kinds of wood like Julia Flora, Subabul, Eucalyptus, Mango and other hardwoods of large sections.

WIDE FRAME DRUM SHREDDER: 920mm dia x 990 width-6 knives (Also available in 1200 mm width)

- Suitable for power plants and large applications with more than 50 tons per day of fuel requirement. Stand alone model with output of 6 to 10 tons per hour. Mechanized loading will improve the output by 30% more.
- Supplied along with in-feed, press-feed and discharge conveyors.
- Can handle all kinds of agricultural stacks like cotton, red gram, jute, chilli and stems of bamboo and Julia flora, sugar cane trash, coconut fronds, sun flowers.

MOBILE – 1 - DRUM SHREDDER – 600 dia x 900 width – 4 knives

- Suitable for shredding of cotton, chilli, red gram & other stacks and sugar cane trash. Fitted on trolley with inflated tyres. Capable of giving an output of 1.5 to 3 tons per hour with input of 30 HP Power input.
- Choice of prime mover among Diesel engine, Elect motor, tractor PTO shaft output.
- Low feeding height facilitates easy feeding of material. Supplied along with *detachable* In-feed conveyor of 3000 mm. Material is discharged to 15-20 feet distance away from the discharge throat.

MOBILE – 2 - MOBILE DRUM SHREDDER– 600 dia x 900 width – 4 knives

- Suitable for chipping of coconut/palm tree fronds, whole coconuts, apart from the capabilities of mobile-1 machine.
- Chips of 50 mm sq can be obtained from coconut fronds.

DISK SHREDDER -- 1000 dia disk – 4 knives – with in-feed conveyor.

- Suitable for shredding of palm bunches with a capacity of 3-4 tons per hour. Driven by 30 HP motor for disk and 5 HP for feeder and infeed conveyor.