



## Mobile Shredder/Fodder Harvester

Shaktiman Mobile Shredder is a tractor operated agricultural equipment for cutting and shredding crop stalks to clear the field fast for next crop. Suitable for row crops such as cotton, castor, maize, chilly and other similar crops. Machine can be operated by any 40 and above hp tractor with dual clutch, attached to 3 point linkage and powered by PTO with 540/1000 rpm through driveshaft.

### Non Economical Conventional Practice

Manually clearing crop stalks from fields involves 4 man power per acre to pull out/cut stalks, gathering, allowing to dry and then burning which is

- Costly (labor cost @ Rs. 1000/- per acre)
- Laborious and time consuming
- Polluting air
- Degrading soil structure and microbial activities
- Unsafe
- Wastage of abundant bio mass resources

### More Productive Shredding

Shaktiman Mobile Shredder can shred crop stalks easily with coverage of an acre/hr by consuming only 4 to 5 liter diesel, resulting in 75% cost saving compare to traditional / conventional practice.

Shredder crop can be spread in field or can be collected to a trolley and become rich bio mass resource for agricultural and industrial usage.



## By spreading in field

- Becomes organic manure
- Improves soil structure
- Retains moisture in soil
- Controls weeds germination



## Collected material in trolley can be used in following Industries

- Fodder
- Bio fuel
- Paper pulp
- Particle board etc.

Thus it becomes more versatile machine for farming community.



## Designed for Local Condition

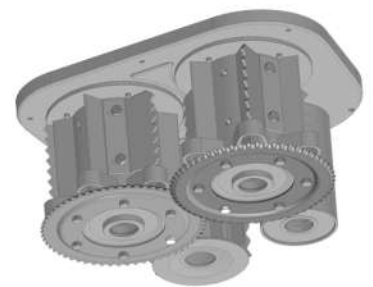
- Built to tackle different crop and field conditions, Shaktiman Mobile Shredder is designed for long life and easy maintenance. It mainly consists of feeding & shredding system.

## Feeding System

- Feeding system built with two feeder drums with disc cutters for cutting stalks and two pressure roller drums, one with spring loaded swing type, designed for optimum and uniform feeding of material to shredding unit.

## Shredding System

- Fly wheel with 6 blades in shredding system rotates @ 1600 rpm for more productive chopping. Paddles fitted on periphery of fly wheel give added lift to chopped crop and so can be spreaded evenly on the field or can be collected into a trolley even when it's moist.
- Heavy duty fly wheel bearings protected by special seals and lubricants keep out moisture, dirt and debris.



## Plenty of convenient features and accessories

Long chute - for collecting crop into trolley

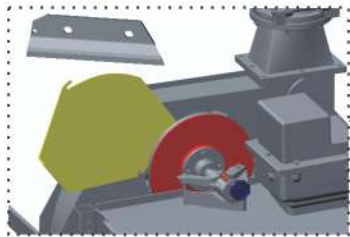
Foldable flap (for long chute only) - to suite different trolley sizes



Hydraulic operated turn table also available (for long chute only)



Manually operated 360° turn table (for long chute only) - to accommodate trolley right behind or parallel,



Inbuilt blade sharpening device - to sharpen flywheel blades without removing

Depth wheel / Rubber tyre - to set different cutting heights



Foldable frame - for easy transportation



Positive power drive through carden shaft - no power loss



Trolley hitch behind the main frame - for collecting shredded crop



Boron Steel Blades & Disk Cutter - long life

Accessories shown in the pictures may not be part of standard fitment.

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## Mobile Shredder/Fodder Harvester - Technical Specifications

Number of Rows	1
Length (mm / inch)	2700 / 106.30
Height with Small Chute (mm / inch)	1550 / 61.02
Height with Long Chute (mm / inch)	2800 / 110.24
Height with Exhaust Folded Downwards (mm / inch)	1350 / 53.2
Width (mm / inch)	2000 / 78.74
Weight (Kg/lbs)	660 / 492
Rubber Tyre (optional)	Rubber (16"x6.5") optional Metal Wheel
Disc Cutter (no.)	2
Shredding Knife (no.)	6
Chopping Length (mm / inch)	5 / 0.20
Exhaust Direction	360° manual adjustment optional Hydraulic Exhaust
3pt.Hitch	Cat. II
PTO. (rpm)	540/1000
Tractor Power (HP/Kw)	40 / 30 & above

MC Name	Height (mm/in.)	Width (mm/in.)	Length (mm/in.)
Mobile shredder	1355/ 53.4	2077/ 81.8	2388/ 94.02
Exhaust Pipe			
Small Chute	490/ 19.3	465/ 18.31	588/ 23.2
Long Chute	2235/ 88	574/ 22.60	2235/ 88
Extra Long chute Mechanical	2836/ 111.7	566/ 22.3	2676/ 105.4
Extra Long Chute Hydraulic	2686/ 105.8	471/ 18.5	3249/ 127.9
Extra Long chute Asean	2409/ 94.84	565/ 22.24	2391/ 94.13

The company reserves absolute rights to modify the specifications of machine and components therein without any prior notice.



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