

Tractor Operated Peg Type Puddler

Utility

Suitable for preparing good puddled bed for transplanting of paddy seedlings. It consists of rectangular frame, pegs and three point hitch system. The square pegs mounted on three bars are uniformly staggered in partial helical configuration, for better dispersion of soil. The puddler is operated in 50-100 mm of standing water. As the puddler moves, the pegs tear the soil, uproot the weeds, disperse the soil in water and level the field.



Specifications & Performance results		
Power source	:	26 kW or more Tractor
Weight, kg	:	90
Working width, mm	:	2000
Cost of equipment, Rs.	:	15,000
Working depth, mm	:	150-200
Field capacity, ha/h	:	0.4
Draft, N	:	1000
Cost of operation, Rs./h	:	800-1000

Benefits over conventional/traditional practices

- It saves two passes and Rs.2500-3000/ha.
- Command 12 ha more in a season of 100 h of use.
- Reduces drudgery and allows timeliness in operation.

Design: ICAR-CIAE, Bhopal

Commercialization Status: Commercialized

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