

MINI DHAL MILL

INTRODUCTION

The mini dhal mill has been developed to de-hull pulses efficiently under rural conditions. This is a small-scale integrated pulse milling system suitable for rural areas. The mill consists of a de-hulling unit, an aspirator and a dhal separator, all run by a 1 HP single-phase motor. The de-husking unit is based on the principle of abrasion and consists of an emery-coated cone, which rotates inside a wire mesh cage. Preconditioned pulses are first dehulled and split and clean dhal is finally obtained after aspiration of husk and separation of broken from the millstream.

This mini dhal mill is suitable for efficient de-hulling of bolder pulses like pigeon pea, chickpea, pea, soyabean, etc. The quality of dhal obtained is comparable to that from large-scale dhal mills.

FEATURES

- Capacity of the mill : 100-150 Kg per hour
- Space required: 2m x 4m
- Yield of dhal : 77-80%
- Dehulling : 96-99%
- Breakage : 1-2%

ADVANTAGES

- ↳ Easy to operate, maintain and repair
- ↳ Adjustable clearance to suit different sized grains
- ↳ Simple pre-milling treatment of soaking, grading and sun-drying
- ↳ Low capital investment with good profit
- ↳ By-products (husk and broken) are available for use as cattle feed in village
- ↳ Suitable for cottage-scale rural industry or as a small cooperative venture

Mini Dhal Mill

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NALANDA AGRO WORKS	Nalaldanagar, Kurji, Patna-800 010	Bihar
MURUGAN INDUSTRIES	37-B, IInd Stage, Industrial Suburb, Mysore-570 008	Kar
SHRUTHI CONSULTANTS	'Rathambhara', 1642, Anikethana 1 st cross, Kuvempunagar Mysore-570 023	Kar
BHARATH ENGINEERING CORPN.	132, Aradhana Nagar Bhopal-462 003	MP
TRIDENT MACHINES INC.	2 nd Floor, Lakshmi Bhavan Dharampeth, Nagpur-440 010	Mah
MAHARASHTRA AGRO INDUSTRIES DEV. CORPORATION LIMITED.	Rajan House, 3 rd Floor, Prabhadevi, Mumbai-400 025	Mah
KING INDUSTRIES	78, 1- industrial Area Govindpura, Bhopal-462 023	MP
PRAGATI	1 st Floor, Pirmohani, Patna-800 003	Bihar
EXCELLENT ENGINEERS	Block No.2, Plot No. 2, H. No.1131/2 Opp. Homeo College Nag Road, Nagpur-440 009	Mah
ASHIRWAD ENGINEERING WORKS	14, Industrial Area P.Box No.47, Satna-485 001	MP
G.G.DESHMUKH	C/o Prakash Tailors Kasarwadi, Pune-411 034	Mah
MAHENDRA ENGINEERING WORKS	123/42, Saresh Bagh Factory Area, Kanpur-208 012	UP
VISHWAKARMA FOUNDRY WORKS	Kashmiriya, Tanda-224 190	UP
KRISHI SALES CORPORATION	Hayat Complex, Near Roadways Ambedkar Nagar , Dist.Tanda PIN-224 190	UP
G.L. INDUSTRIES	19, Saresh Bagh, Kanpur-208 012	UP