

R K METAL N ENGINEERING

500 kg/hr. Organic Fertilizer Granulation Plant
"Turning Waste into Wealth. Engineered for the Planet."



Pelletizer Machine (7.5 HP – 960 RPM)

Precision | Performance | Perfection

⚙️ MACHINE GALLERY



Granule Rounder (2 HP – 960 RPM)

Precision | Performance | Perfection



Trommel Screening Unit (2 ft × 8.5 ft, 2 HP Geared)

Precision | Performance | Perfection



Mixer Machine (1200mm × 20 inch, 5 HP)

Precision | Performance | Perfection

PROCESS FLOW

Trommel Screen → Mixer → Pelletizer → Shaper → Dryer → Packing

Icons: 🌿 (eco), ⚙️ (gear), 💧 (moisture), ♻️ (recycle)

TECHNICAL OVERVIEW

Specification	Details
Output Capacity	500 - 700 kg/hr
Moisture Requirement	30 - 35 %
Space Required	400 - 500 sq ft
Power Consumption	≈ 16 HP
Manpower Required	4 - 5 (3 Skilled + 2 Helpers)
Feed Materials	Cow Dung / Press Mud / PROM / Compost / Manure Mixtures

COMMERCIAL SECTION

Machine	Price (Ex-Nagpur)
Pelletizer + Shaper	₹ 4,48,000 + GST
Mixer Machine	₹ 1,88,000 + GST
Trommel Screening	₹ 1,50,000 + GST

WATCH THE PLANT IN ACTION

► YouTube Channel: <https://youtube.com/@rkmetalnengineering36>

► Plant Demo Video: https://youtu.be/XoD_ywXim30?si=CWWurEDOKI413bG4

CLIENT TRUST

Trusted by RCF Chembur, Reliance Industries Ltd Prayagraj, SR Afro Uganda, and Delta Resurgence Kenya.

Every installation personally supervised – performance guaranteed.

CONTACT US

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