



Presented By:
Siddhant Thapar

duroemch@gmail.com
www.duomech.in

DUROMECH^R MOBILE BALLISTIC SEPARATOR

“MOBILITY MEETS EFFICIENCY — CLEAN WASTE. CLEAR FUTURE.”

About Us

Who We Are;

Duromech® (M/S Thapar Engineering Works) has been a trusted leader in crushing, screening, washing, and classification systems. Founded in 1981 by Shree R.L. Thapar, we have built a legacy of innovation, quality, and customer-centric service. As a registered rental company, we provide top-tier industrial equipment, ensuring businesses receive high-performance machinery with on-time delivery and competitive pricing. Our solutions focus on efficiency, sustainability, and operational excellence, helping industries maximize productivity while minimizing environmental impact. Empowering Industries, Protecting the Environment.



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What Is It?

A **Mobile Ballistic Separator** is a portable machine used in waste sorting to separate different types of materials based on their size, and density—specifically 2D, 3D, and fine fractions.

How It Works ?

- 2D materials (like paper, plastic film) stay on the surface and are moved forward.
- 3D materials (like bottles, cans) bounce and roll backward.
- Fines (like sand, dirt) fall through the perforated deck.



Value

sustainability is at the core of everything we do. We design our machines to reduce environmental impact, promote efficient waste recovery, and support a circular economy. Our commitment ensures cleaner operations today for a greener tomorrow.

Our Vision & Mission

Movement Goal



Vision

We aim to redefine sustainability with advanced waste management solutions, reducing environmental impact, promoting innovation, and driving global growth for a responsible, thriving future.



Mission

We provide advanced, eco-friendly solutions that boost efficiency, meet regulations, and turn waste into valuable resources—driving a cleaner, circular economy.

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Why Mobile?

Why to choose Mobile Ballistic Separator?



Highlight benefits

01

Flexibility

Use it wherever needed—no fixed installation.

02

Cost-efficient

No need to transport waste to a central facility.

03

Time-saving

Immediate sorting on-site.

04

Plug & play

Quick setup, often with built-in power source.

Powering Progress, Sustaining the Future.



Low Noise & Dust Emissions

Engineered to meet
environmental and
occupational standards

Integrated Control Panel

Smart controls with
real-time monitoring
and diagnostics



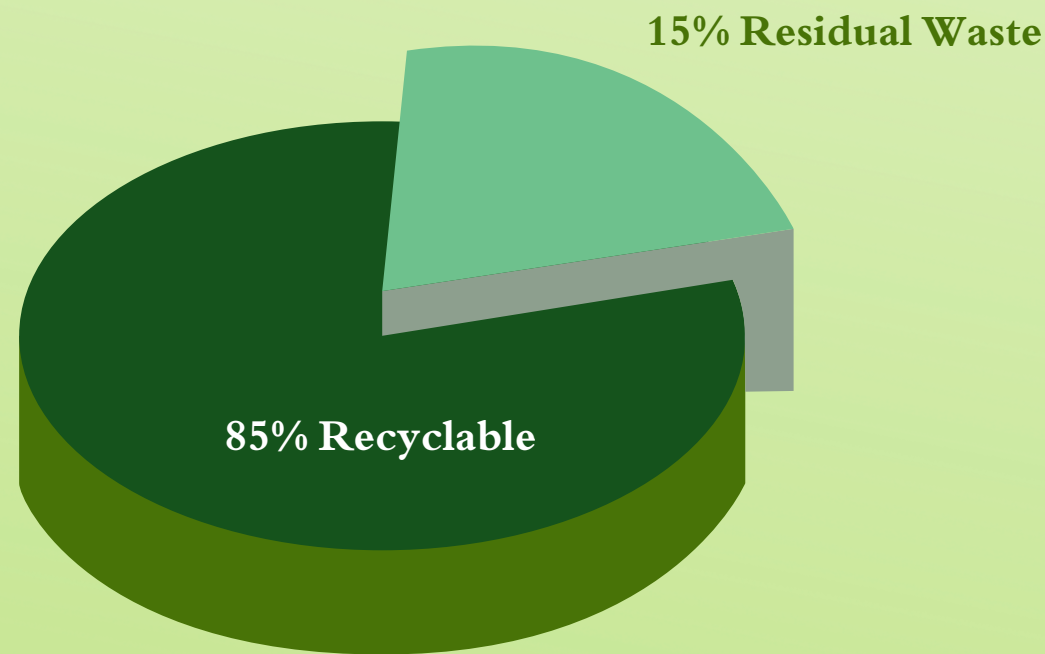
Material Handle

Minimum 10/30 TPH

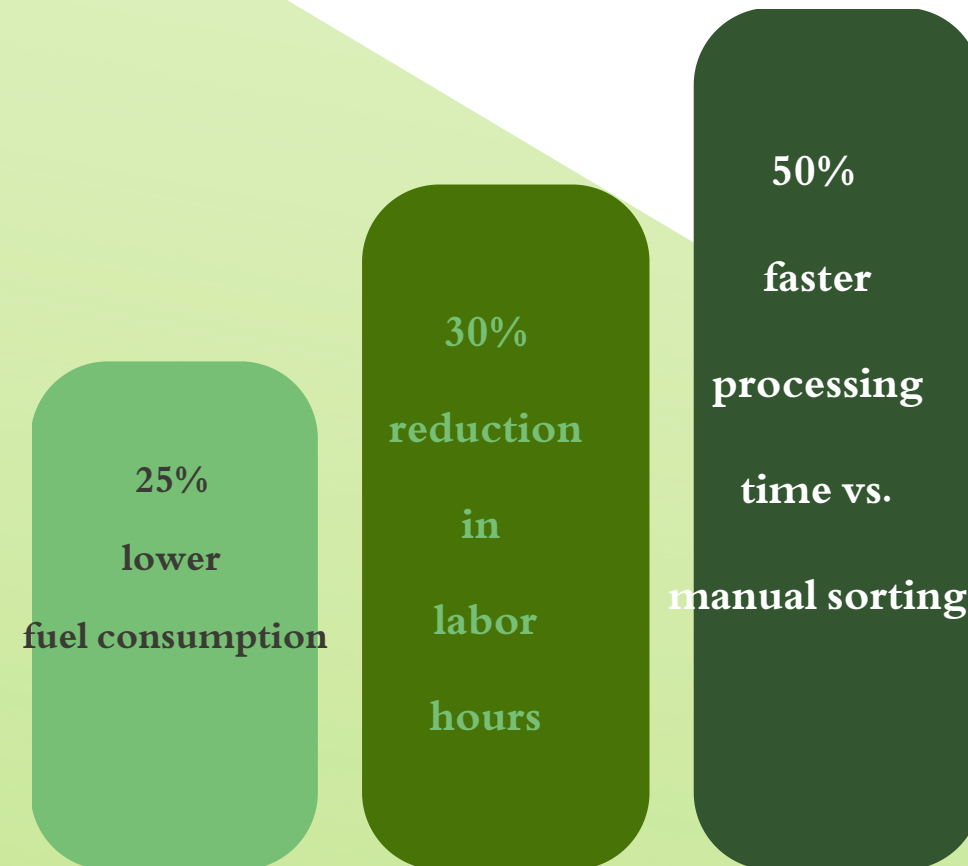
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Maximizing Returns, Minimizing Impact

“Less Waste. Less Cost. More Green.”



Waste Diversion



Operational Efficiency

Savings on transport

Less downtime

Lower staffing needs

Cost Savings

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KEY COMPONENTS OF MOBILE BALLISTIC SEPARATOR



Paddles



Motors



Conveyors



Control Panel

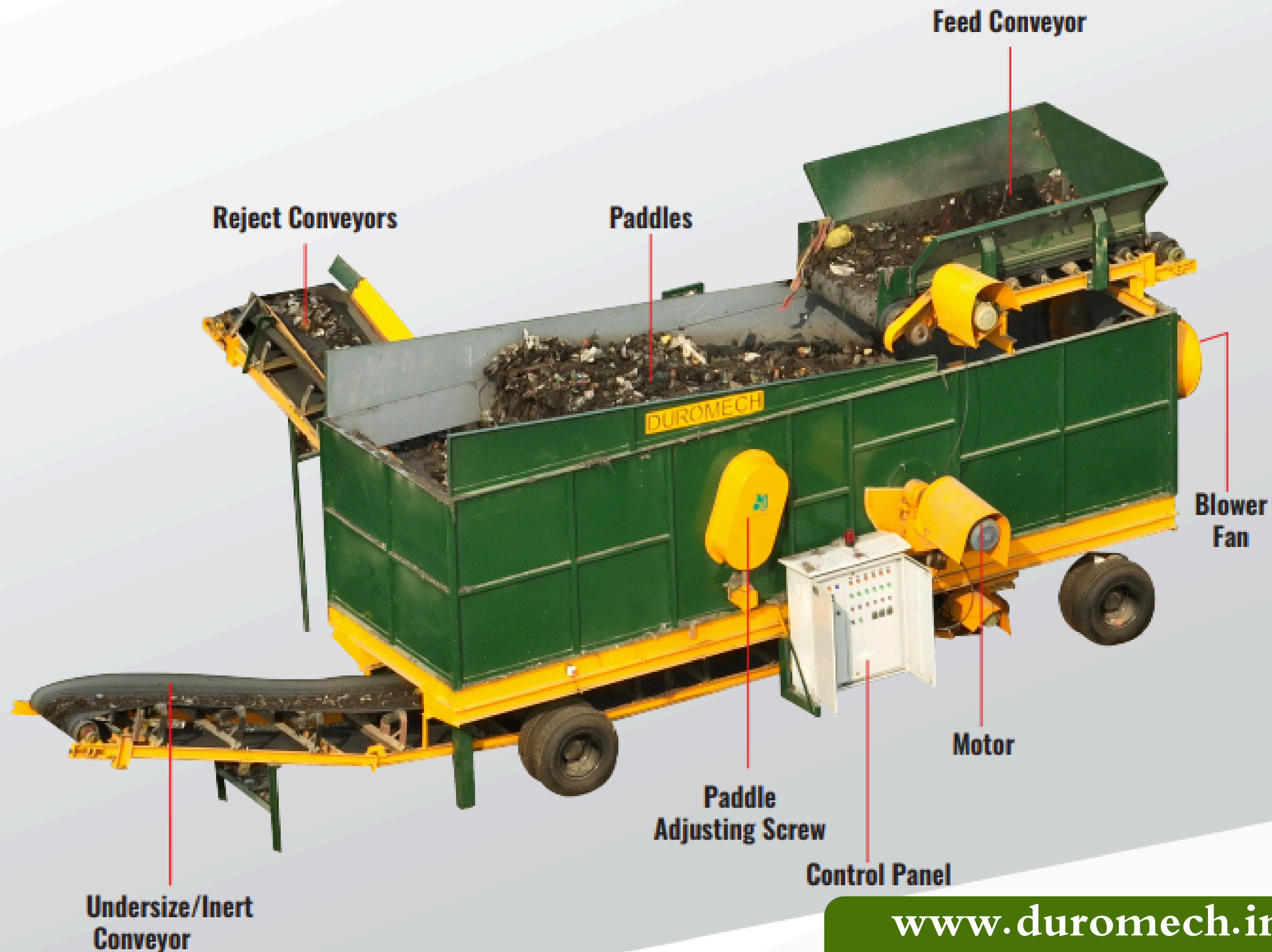


Bearings & Shafts

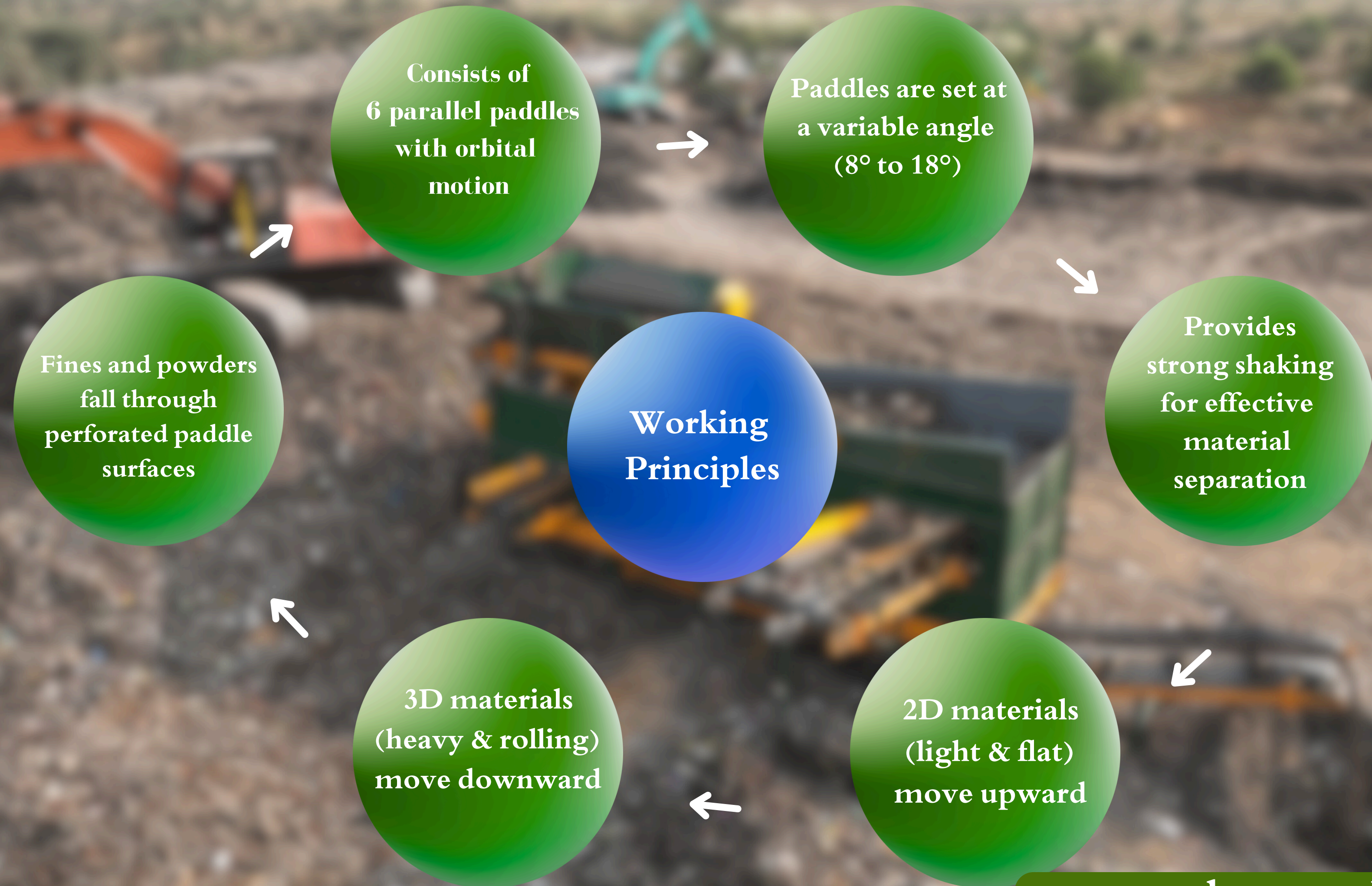
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Major Parts Of Mobile Ballistic Separator



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Get Connected With Us

Contact Information

 +9871515555, +91 9971 000040

 www.duomech.in

 duomech@gmail.com

 Anand Parbat Industrial Area, Delhi-110005

www.duomech.in

An aerial view of a construction site. In the foreground, a large green and orange conveyor system is processing dark, rocky material. To the left, an orange excavator is visible. In the background, another excavator and some industrial equipment are on a dirt mound. The scene is set in a hilly, arid landscape with sparse vegetation.

**Thank You
For
Watching**