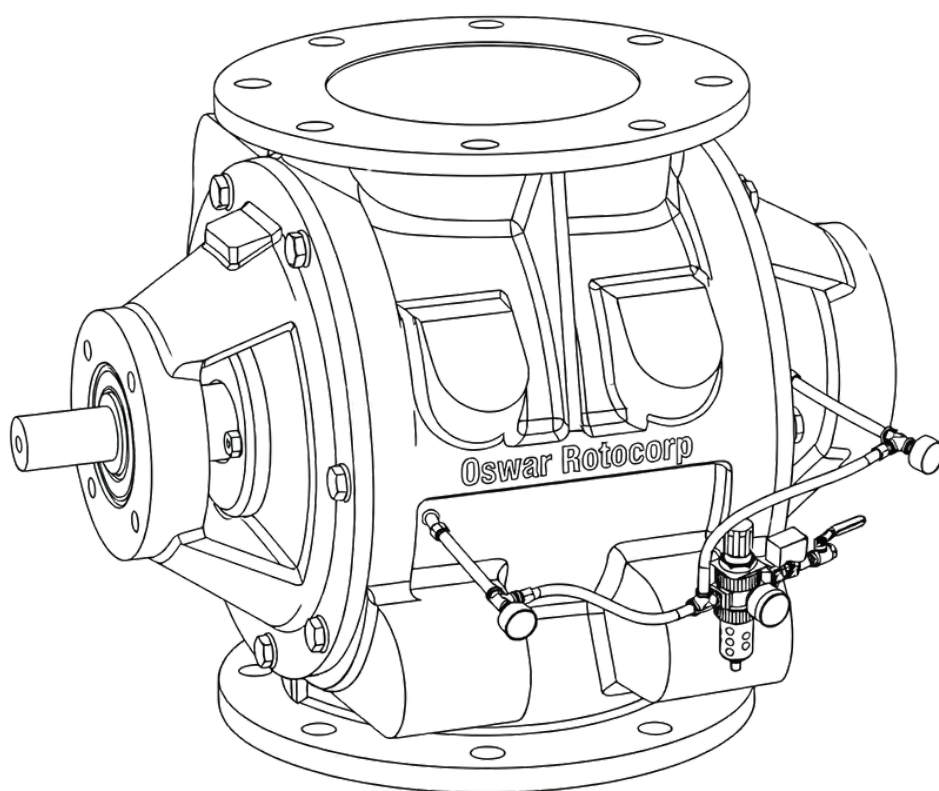
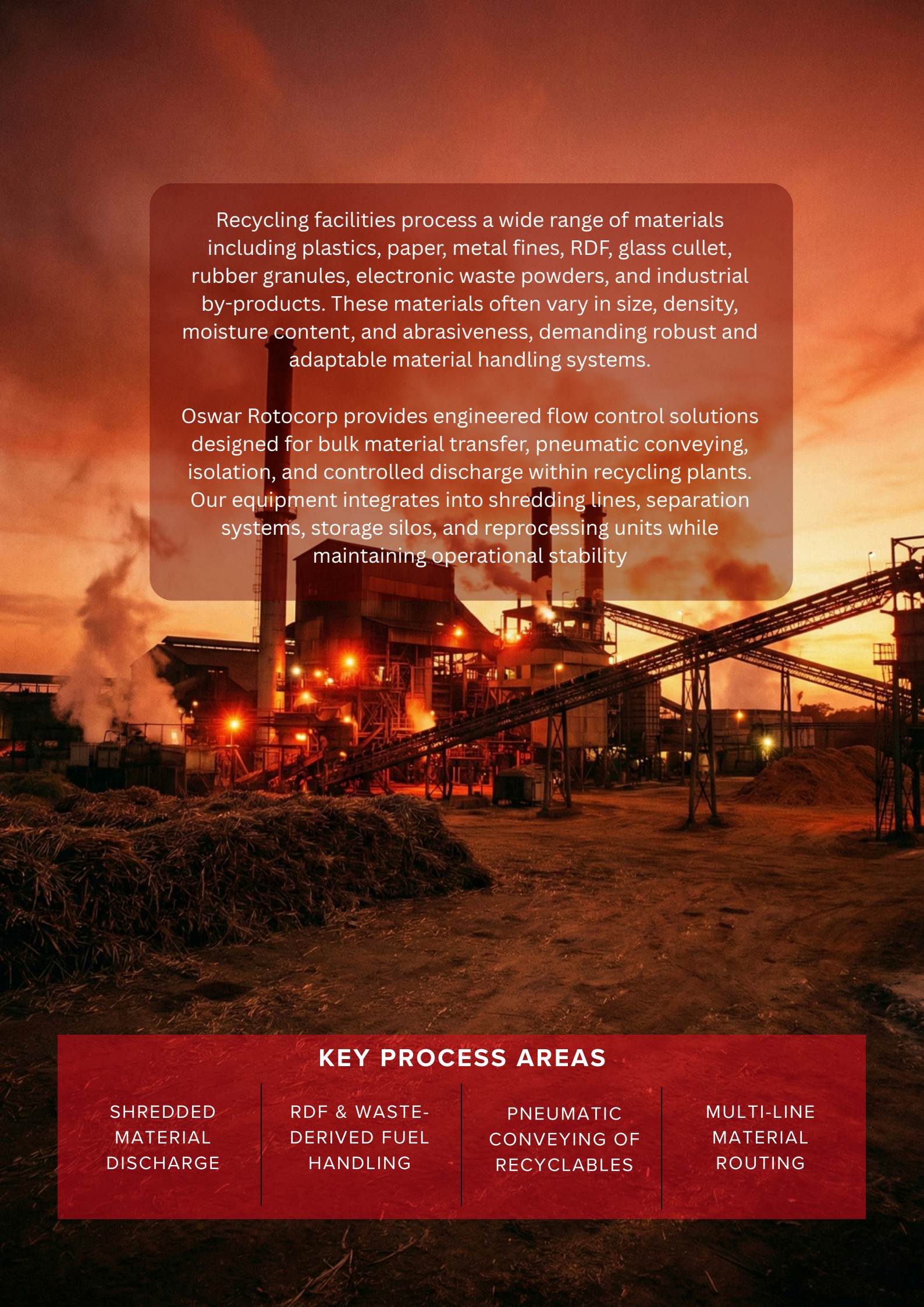


# RECYCLING INDUSTRY

SUSTAINABLE MATERIAL RECOVERY



**OSWAR**  
rotocorp

A large industrial recycling plant at sunset. The sky is a mix of orange, red, and yellow. In the foreground, there are large piles of shredded material, likely paper or plastic. The plant itself is a complex of metal structures, conveyor belts, and silos. Several tall chimneys are visible, with smoke or steam rising from them. The overall scene is industrial and somewhat dramatic due to the lighting.

Recycling facilities process a wide range of materials including plastics, paper, metal fines, RDF, glass cullet, rubber granules, electronic waste powders, and industrial by-products. These materials often vary in size, density, moisture content, and abrasiveness, demanding robust and adaptable material handling systems.

Oswar Rotocorp provides engineered flow control solutions designed for bulk material transfer, pneumatic conveying, isolation, and controlled discharge within recycling plants. Our equipment integrates into shredding lines, separation systems, storage silos, and reprocessing units while maintaining operational stability

## KEY PROCESS AREAS

SHREDDED  
MATERIAL  
DISCHARGE

RDF & WASTE-  
DERIVED FUEL  
HANDLING

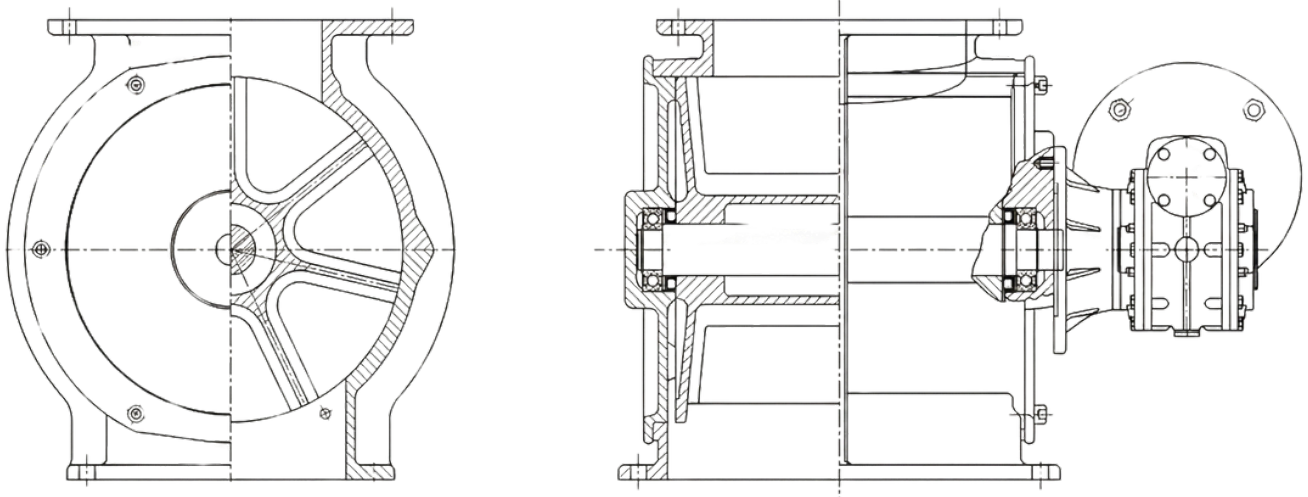
PNEUMATIC  
CONVEYING OF  
RECYCLABLES

MULTI-LINE  
MATERIAL  
ROUTING

# BUILT FOR DURABILITY IN HIGH-WEAR ENVIRONMENTS

Recycling operations often involve abrasive, contaminated, and irregular materials. Equipment must be capable of handling fluctuating loads while maintaining reliable airlock performance and controlled discharge.

Rotary Valves are engineered with reinforced construction and optimized internal clearances to manage inconsistent material characteristics. Designed for durability, they support pressure and vacuum conveying systems while reducing leakage and material loss.



## SOLUTION PORTFOLIO INCLUDES:

- Heavy-Duty Rotary Valves for Recyclable Materials
- Pneumatic Conveying Rotary Valves
- Slide Gate Valves for Process Isolation
- Diverter Valves for Line Switching
- Flap / Gravity Gates for Dust Handling

# SUPPORTING EFFICIENT & RESPONSIBLE RESOURCE RECOVERY

- **Stable & Controlled Material Discharge**
- **Improved Airlock Integrity in Conveying**
- **Reduced Leakage & Dust Emissions**
- **Enhanced Wear Resistance**
- **Lower Maintenance & Downtime**
- **Increased Operational Efficiency**



# OSWAR

## rotocorp

### **Corporate Office**

Jaipur, Rajasthan India  
Nagpur, Maharashtra India

### **Sales Inquiries**

[info@oswarrotocorp.com](mailto:info@oswarrotocorp.com)

### **Helpline**

[+44 7917 128505](tel:+447917128505) | +91 77422 36474

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