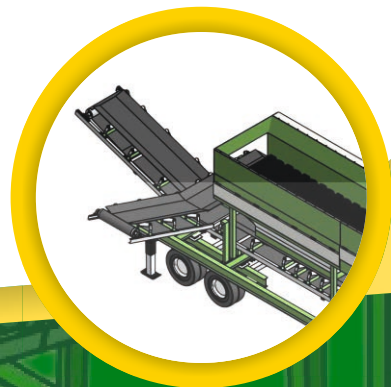
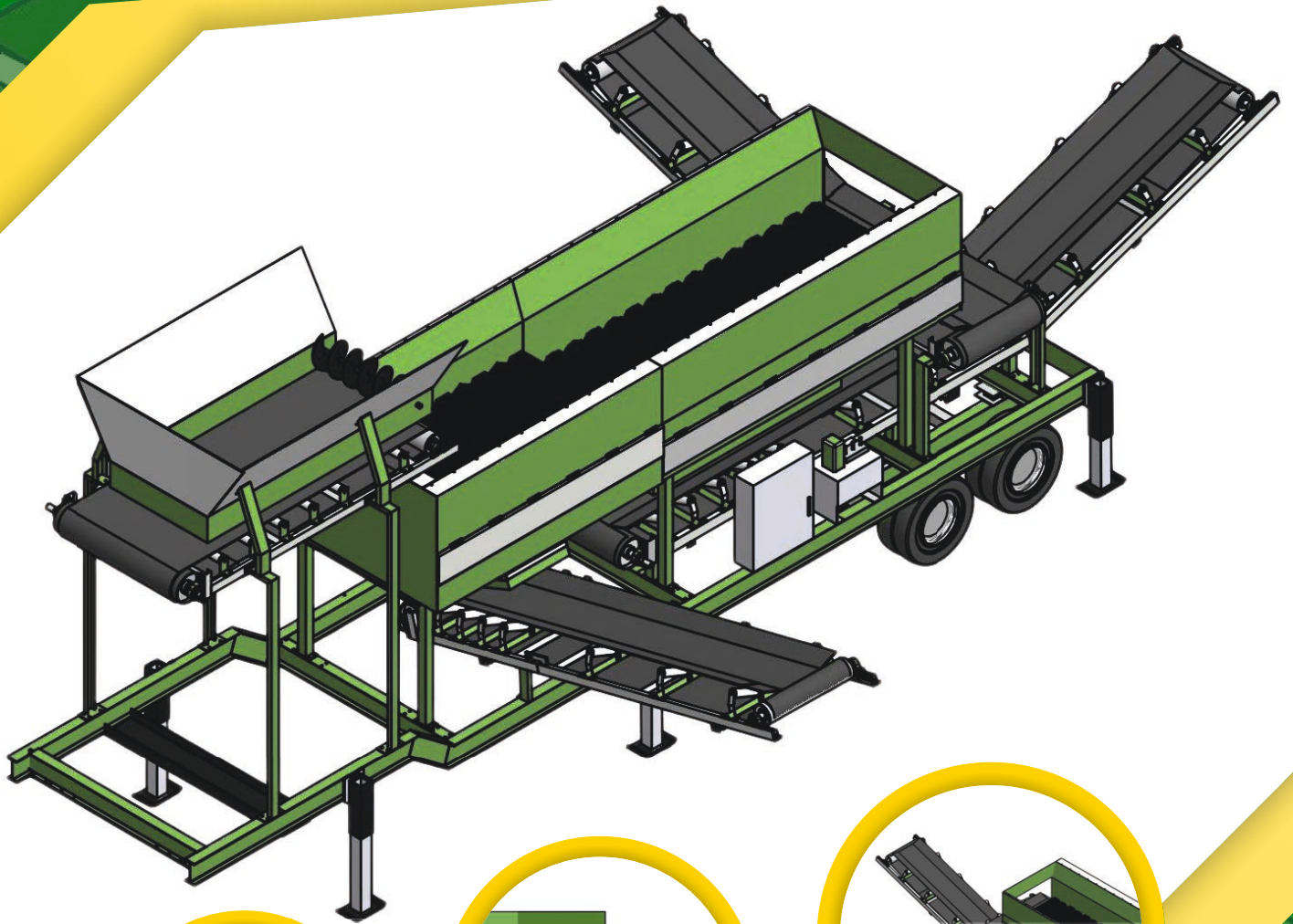


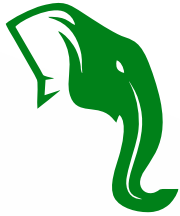


DUROMECH
control focused - technology driven



Duromech®

ROTOR SCREEN



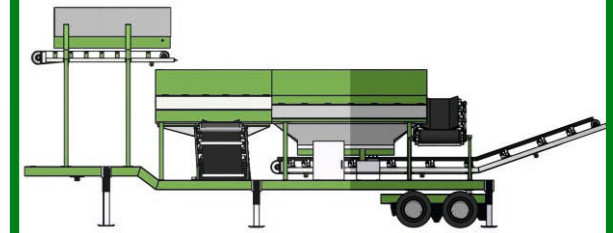
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INTRODUCTION

- The innovative design of the Duomech Rotor screen uses sequence of alloy steel flat disc shafts to ensure maximum carry and abrasion resistance and it's based on the anti-enfold and anti-blocking system.
- The drive shaft is covered by loose handles made of highly durable material, which are independent of the spinning of the shaft itself.
- The advance mechanism stop the long, stringy components of the material from stuck across the shaft. This is a crucial in achieving optimal screening consequences and significantly decreasing downtime.
- When the material flows onto the screening discs that shake and separate the waste through upward and downward vibrations.
- The separated or screened materials fall via the space between the discs, with the oversized material remaining on the discs which automatically transported to the end of the screening tray itself.
- The Duomech Rotor screen makes it is possible to modify in real-time the size of the filtered product, which are procured by different the speed of the shafts. The final result is a separate, slick fraction organized for further treatment.
- The Duomech Rotor Screen helps to separate materials faster, with the use of much less space, and also positively impact & increase the productivity level.

RANGE OF APPLICATION & WORK

- The advance mechanism for separation of waste materials via screening plays major role for both the Mother Nature & Pocket as well.
- When we work on large scale using innovative design of Duomech Rotor Screen, it will taking less time and process will become much easier.
- Segregation and recycling process at every stage from processing by Rotor Screen technology which provides greater control over material/material characteristics; through Rolling system technology segregation and recycling processes becomes so effective and easy under harsh conditions.
- This method includes recycling and segregation of various kinds of materials, like "Shredder Residue, Metals, Incinerator Ash, Municipal Solid Waste, Refuse Derived Fuel, Compost, C&D Waste, Plastic & P.e.t. Bottles, etc." and the recovery of the related precious products, reducing costs of dumping-yard, at very low power consumption with low costs.
- In Duomech, We transformed the Rotor screen for screening technology to screen the very hard & challenging materials automatically and deal with the usual operational issue.

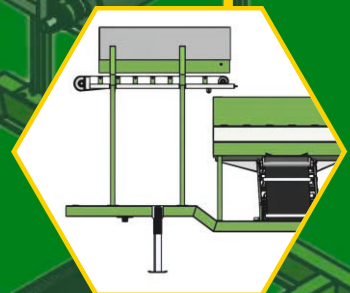


ADVANTAGES OF DUROMECH® ROTOR SCREEN:

- **ANTI-ENFOLD & ANTI-BLOCKING SYSTEM**
- **DIFFERENT SCREENING SPEED**
- **DIFFERENT RANGE OF SCREENING SIZES**
- **EXTREME-EFFICIENCY AND PRODUCTIVITY**
- **EXTREMELY EFFECTIVE, DURABLE AND EASY TO USE**
- **HIGH CAPACITY WITH SMALL FOOTPRINT**
- **SMALL AND COMPACT DESIGN**
- **FLEXIBILITY FOR DIFFERENT MATERIAL STREAMS**
- **LOW OPERATIONAL & MAINTENANCE COSTS**
- **LESS POWER CONSUMPTION**

DUROMECH PROVES TO BE THE BEST SOLUTION FOR SCREENING:

- **SHREDDED & CRUSHED RESIDUE WASTE**
- **METALS AND ALLOYS**
- **DRY BOTTOM & INCINERATOR ASH**
- **MUNICIPAL SOLID WASTE (M.S.W.)**
- **REFUSE DERIVED FUEL (R.D.F.)**
- **COMPOSTING & LEGACY WASTE**
- **CONSTRUCTION & DEMOLIATION WASTE (C & D)**
- **PLASTIC & P.E.T. BOTTLES WASTE**
- **SOLID & LAND RECLAMATION**
- **LANDFILL & DUMPYARD RECLAMATION**
- **BIO-MASS & ORGANIC WASTE**
- **TIRES, WASTE WOOD & OTHER MATERIALS**
- **HAZARDOUS WASTE, etc.**
- **1000 TONS PER DAY**





DUROMECH

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THAPAR ENGINEERING WORKS

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