

Literature #SMART2511

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ABRASIVE RECOVERY SYSTEMS



ALLREDI™

INTRODUCING

/// THE "SMART™" SKID MOUNTED ABRASIVE RECOVERY TOWER

The **SMART™** system has been designed for the cleaning & recycling of different types of media by using a loading hopper, bucket elevator, air wash, dust collector and storage hopper. The **SMART™** system is capable of recycling 7 tons of media in only 1 Hour! It operates efficiently and is loaded with features yet has a compact skid design.

ADVANTAGES

- Recycles 7 tons of media in only 1 Hour
- Skid-mounted design for improved job site portability. Also equipped with side-mounted fork pockets for "Transport Mode".
- Superior airwash design provides industry-leading high-efficiency abrasive cleaning
- Media loading options - Auger style for skid steer or gravity feed for vacuum loading
- Safety cage and ladder
- Custom colors available



/// MEDIA LOADING OPTIONS



AUGER LOADING HOPPER
Designed to be loaded with bobcat skid-steer (Requires 4 motor control panel)





GRAVITY FEED LOADING HOPPER
(Requires 3 motor control panel)



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BUCKET ELEVATOR

Powered by a 1-1/2 HP motor, the bucket elevator is belt driven and operates on two large steel pulleys. It carries media from the loading hopper to the air wash.



AIR WASH CLASSIFIER

Tunable air wash classifier with rotating screen adjustable for most recyclable medias. Comes complete with 1/2 HP motor.



DUST COLLECTOR

SMART's system incorporates Mod-U-Blast's reverse pulse dust collection system which features high efficiency, 280 pleated filter cartridges and provides optimal, clean air.





STORAGE HOPPER

40 cubic feet media storage hopper with butterfly valve. Also equipped with ladder and safety cage.



LOADING HOPPER

SMART'S abrasive auger loading hopper (Illustrated above) is ideal for skid-steer loading and includes a removable screen and lid.

** Custom designs available to accommodate different loading methods.*



CONTROL PANEL

NEMA 4 totally enclosed control panel complete with: emergency stop button, motor starters (4), and warning lights.

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/// HOW IT WORKS

With the system running, the used media is dumped into the loading hopper and from there into the bucket elevator which lifts and unloads the media into the air wash classifier. Inside the air wash, the used media passes through a screen and builds a curtain to allow air to pass through the used media taking the dust away to the dust collector hopper leaving the good media to fall into the 40 cubic foot hopper and then loaded into a bulk bag to reuse again.



/// SPECIFICATIONS

SMART - TECHNICAL SPECIFICATIONS	
Control panel voltage	230 volt - 3 phase - 60 HZ FLA 22.56
Reclaimed media hopper at capacity warning light	Blue on panel - red external on D.C.
Reclaimed media storage hopper capacity	40 cubic feet
Dust collector hopper at capacity warning lights	Amber on panel & external on D.C.
Dust collector hopper capacity	20 cubic feet
Loading auger / hopper capacity	30 cubic feet
SMART™ unit weight (without loading hopper)	4850 lbs.
Loading auger / hopper weight	1200 lbs.
Loading auger / Hopper dimensions	93”W x 44.5”D x 96”H
SMART™ dimensions standing	113”L x 105”W x 189”H
SMART™ dimensions for transport	189”L x 73”W x 113”H
Recycling capabilities	7 tons per hour
Lifting lug ratings	6800 lbs ea. (2)
Strap ratings	8800 lbs ea. (2)
Anchor shackles	6.5 ton working load limit (2)