

Rotastar™



PORTABLE SCREENING
EXCELLENCE





The Rotastar screening bucket was the first excavator mounted, polyurethane star, screening bucket in the United States. A&D Equipment, Inc. introduced the Rotastar in 2005. Today, some of our first buckets are still being used in the field by our excavating division.

Portable Screening at the End of Your Boom

Welcome to the speed, innovation, and performance of the Rotastar screening bucket. An attachment so rugged, compact, and easy to transport, your on-site excavating efficiency will increase exponentially. Designed and engineered to reach the toughest job areas, with easy installation and maintenance, low hydraulic requirements, uses a one-way hammer circuit, and no case drain line is necessary.

Unrivaled Star Technology and Screening Capacity

First to the North American excavation scene, the Rotastar's massive screening area is possible by using lightweight, pliable polyurethane stars. The rotation of the flexible stars gently separates material without crushing or tearing, allowing for uncontaminated usable site product. Depending on the material, excavators may produce from 15 to 110 tons of screened material *per hour*.

Wet or Dry, Multiple Applications

The Rotastar screens wet or dry materials, and is ideal for topsoil, waste, roots, turf, subsoil, gypsum, and more. As excavators ourselves for almost 50 years, we understand the drawbacks of conventional portable screening plants. A big advantage of the Rotastar's design is its self-cleaning star ability. In addition, variable speed control enables operators to adjust rotation speed for varying materials. Average fragment output is 3/4" +/-, and with a variety of star and collar options, fragment sizes can be further reduced.

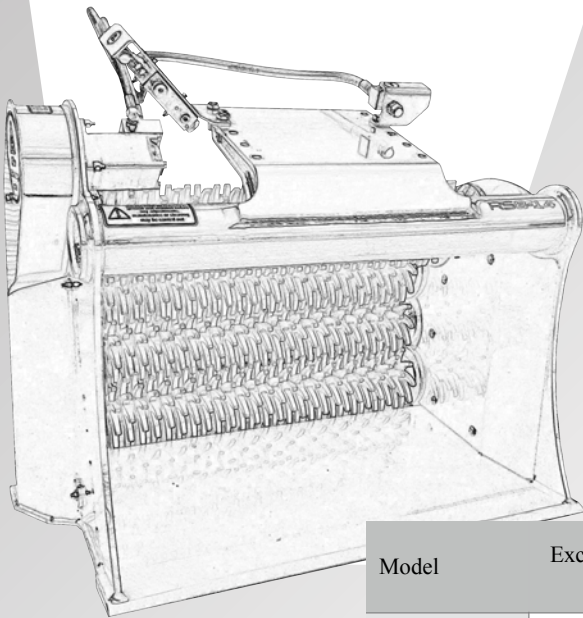
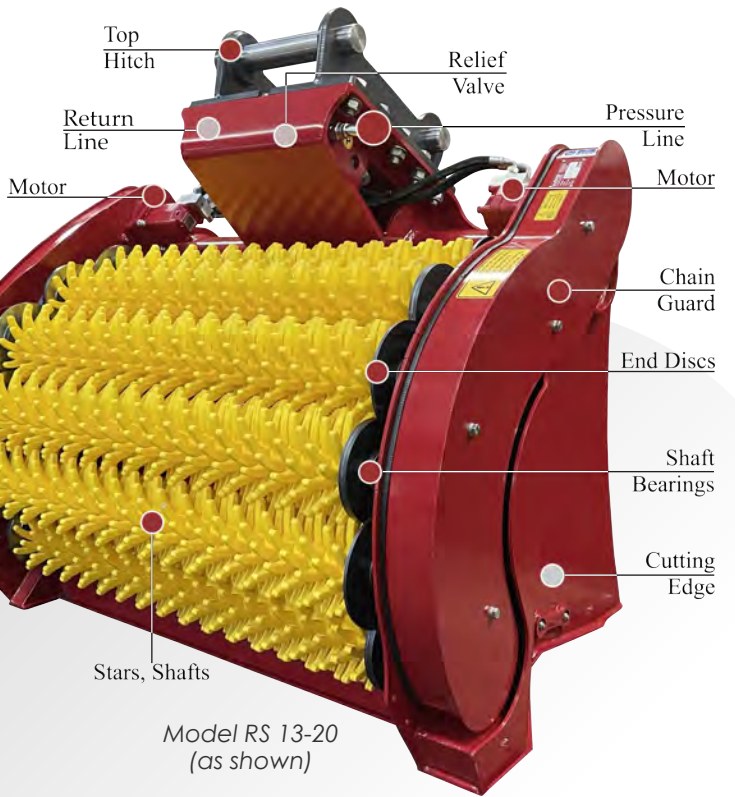
Conventional Excavating vs. Recycling On-site

Dig, load, transport, tip, purchase, transport, and unload, all add to job costs and operator time. The Rotastar allows you to drastically reduce these costs by recycling materials on-site into usable product. The applications are endless to get the job done better and faster than your competition. Our operators never leave for a job without a Rotastar on board.

TECHNICAL SPECIFICATIONS

Tough Tested, Built for Longevity

- Single direction, low hydraulic requirements, no case drain line required.
- Easily accessible heavy-duty chain drive system.
- Flexible stars with one-way rotation for optimal separation and minimal load impact on shafts.
- Variable speed control.
- Average fragment output 3/4" +/-.



Model RS 8-14
(as shown)

Model	Excavator Weight (lbs)	Bucket Base Weight (lbs)	Bucket Capacity (c/y)	Working Width (in)	Shafts	Avg Tons (p/hr)	Hydraulic Requirements (gpm/bar)
RS 2-4	4,900-9,000	551	0.18	25.19	3	15	10.57 70-180
RS 3-5	6,750-11,200	617	0.25	32.48	3	25	11.89 70-180
RS 4-6	9,000-13,500	750	0.31	41.57	3	35	13.21 70-180
RS 4-9*	9,000-20,000	1014	0.47	41.57	4	45	14.53 70-180
RS 8-14	18,000-31,400	1356	0.63	45.28	5	60	16.90 70-180
RS 10-20	22,400-44,800	2204	0.78	49.60	5	75	18.49 70-180
RS 13-20	29,200-44,800	2491	1.31	49.60	6	95	26.42 70-180
RS 20-30	44,800-67,200	3748	1.7	49.60	8	110	36.98 70-180
RS 25-30**	56,000-67,200	4442	1.7	64.57	6	110	36.98 70-180

* Skid Steer Model ** Front Loader Model



FOR BIG COMPANIES NEEDING BETTER SOLUTIONS



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