

T855RS

Tuthill's T855RS Advanced Technology transport blowers are specially designed for the loading and unloading of cement, fly ash, powders, crushed limestone, sand, and other dry bulk granular materials.

ENHANCED FEATURES

- Most expansive range of flow than that of any blower in the transport market
- Able to operate at slower speeds while moving more product, reducing offload times by as much as 25%*
- Reduced speed results in a quieter run than many other blowers, with noise reduction as much as 7 db
- Runs at cooler temperatures, reducing the number of oil changes when paired with Tuthill MD Lubricants
- Less net fuel consumption due to reduced offload times
- Vacuum to 18" Hg
- Yearly operational savings of over \$3,000*

*Savings per truck, based on dry cement hauling field tests performed in 2020

SUPERIOR CAPABILITIES

Patent Pending Technology

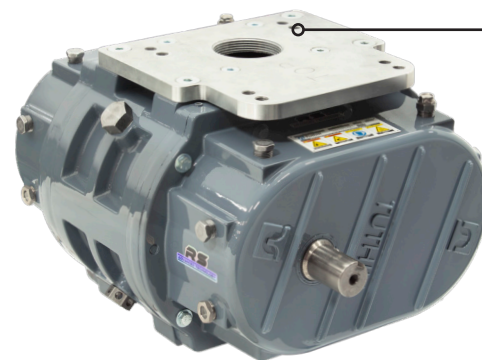
Equipped with RS Advanced Technology, a patent pending, specialized coating applied to the rotors, the T855RS enhancement drastically reduces "slip", or air that is inefficiently trapped and recirculated in the blower rather than being pushed out through the discharge. With the T855RS, more discharge air is pushed out while cooler inlet air is being taken in, resulting in less torque required, more "useful" air being put to work, lower temperatures, and quieter operation.

Optional Adaptor Plate

The T855RS runs at similar speeds as other manufacturers' models, eliminating the need to change PTO. Our exclusive adaptor plate allows you to replace screw-style models and still use your existing bracket, significantly reducing maintenance downtime and costing less upfront than installing another screw-style blower.

RS

ADVANCED TECHNOLOGY™



Optional
lightweight
aluminum
adaptor plate

T855RS SPECIFICATIONS

AIR FLOW	121 - 1010 CFM ¹
RPM RANGE	600 - 3000
PRESSURE	20 PSI CONTINUOUS
VACUUM	18" HG CONTINUOUS
BLOWER WEIGHT	376 LBS. DRY; 380 LBS. WITH 66 OZ. OIL
DIMENSIONS	22.7" L x 12.13" H x 17.97" D

¹Refer to tables on the next page for minimum RPM at specific pressures

THE T855RS INCLUDES THE SAME GREAT FEATURES:

IP69K Rated Breather

Industry-leading breather designed to withstand high pressure cleaning to keep water out of oil.

Longest Bearing Life

The Tuthill design with larger bearings than competitive brands delivers a more reliable machine with a longer life cycle. Tuthill's bearing load rating is significantly higher than the closest competitor, resulting in hundreds of dollars saved in maintenance costs over time.

Simple Design

The T855RS maintains a design with fewer sealing surfaces meaning fewer parts, fewer leak paths, and fewer areas that could allow salt or debris to collect and corrode.

PERFORMANCE TABLES

The data below provides a sampling of the T855RS performance capability.

TABLE KEY

	New performance capability parameters
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T855 WITH RS ADVANCED TECHNOLOGY™ | PRESSURE OPERATING PARAMETERS

RPM	7 PSIG		12 PSIG		16 PSIG		18 PSIG		20 PSIG	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
600	127	6.5	-	-	-	-	-	-	-	-
750	194	5.8	147	13.7	-	-	-	-	-	-
1000	281	7.8	236	18.3	212	24.4	201	27.4	-	-
1250	333	8.9	323	22.9	301	30.5	289	34.2	278	38.0
1500	384	10.1	410	27.5	388	36.5	377	41.1	367	45.6
1750	488	12.4	497	32.1	475	42.6	465	47.9	454	53.2
2000	627	15.5	584	36.6	562	48.7	552	54.8	542	60.8
2500	800	19.4	757	45.8	736	60.9	726	68.4	716	76.0
3000	973	23.3	930	55.0	909	73.1	899	82.1	889	91.2

T855 WITH RS ADVANCED TECHNOLOGY™ | VACUUM OPERATING PARAMETERS

RPM	2" Hg		12" Hg		17" Hg		18" Hg	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
600	179	1.0	121	5.5	-	-	-	-
750	231	1.3	173	6.8	138	9.6	-	-
1000	318	1.7	259	9.1	224	12.8	-	-
1250	404	2.1	346	11.4	311	16.0	-	-
1500	491	2.5	432	13.6	397	19.2	389	20.3
1750	577	2.9	519	15.9	484	22.4	475	23.7
2000	664	3.4	605	18.2	570	25.6	562	27.1
2500	837	4.2	778	22.7	743	32.0	735	33.9
3000	1010	5.1	951	27.3	916	38.4	908	40.6

OIL CAPACITIES

Where competitors recommend oil changes every 500 hours, Tuthill RS with MD oil can perform as long as 4,000 hours between oil changes with no loss of performance.

Every transport blower is shipped with one (1) gallon of Tuthill MD full synthetic oil to ensure the best lubrication of bearings, gears, and seals.

Location	Horizontal Air Flow (Standard)	Vertical Air Flow (Standard)
Drive End	1.06 quarts 34 oz. 1005.5 mL	1.68 quarts 54 oz. 1597 mL
Non-Drive (Gear) End	1 quart 32 oz. 946.3 mL	1.75 quarts 56 oz. 1656 mL

CONTACT US

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Your Local Tuthill Springfield Sales Professional:

