

**RS**

ADVANCED TECHNOLOGY™



## THE HIGHEST EFFICIENCY TRANSPORT BLOWER JUST GOT EVEN BETTER

The T855 transport blower by M-D Pneumatics with RS Advanced Technology™ offers the most expansive range of flow than any blower in the transport market. Able to operate at slower speeds while moving more product than its predecessors, the T855RS can reduce offload times by as much as 25%\*, resulting in significantly reduced fuel consumption.



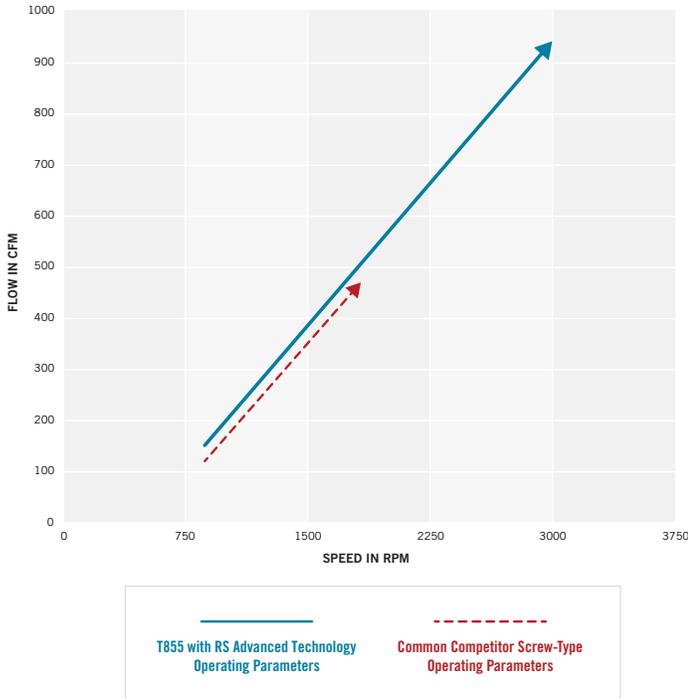
**T855RS**  
Transport Blower

SAVE MORE THAN  
**\$3,000\***  
ANNUALLY  
with **RS ADVANCED TECHNOLOGY**

- FASTER OFFLOADS = SAVE TIME
- LOWER RPMS = SAVE FUEL
- FEWER OIL CHANGES = SAVE TIME & MONEY

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

## 12 PSIG Pressure Operating Parameter Comparisons



Reduced operating speeds also allows the T855RS to operate quieter and at cooler temperatures. The noise level per CFM is as significant as 7 db lower, reducing the need for costly sound attenuation. Cooler operation also means less maintenance costs, fewer oil changes, and fewer overheating issues. These enhancements mean both time and cost savings, with yearly operational savings of over \$3,000\*.

The T855RS provides you with peace of mind knowing it is manufactured by M-D Pneumatics. With American-made quality and over 60 years of blower manufacturing experience, M-D Pneumatics is proud to provide you with unparalleled customer service and a knowledgeable distributor network available nationwide.

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

## M-D PNEUMATICS' RECIPE FOR INCREASED EFFICIENCY

Now equipped with RS Advanced Technology, a patent pending coating applied to the rotor lobes, 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 where it can then move your product.

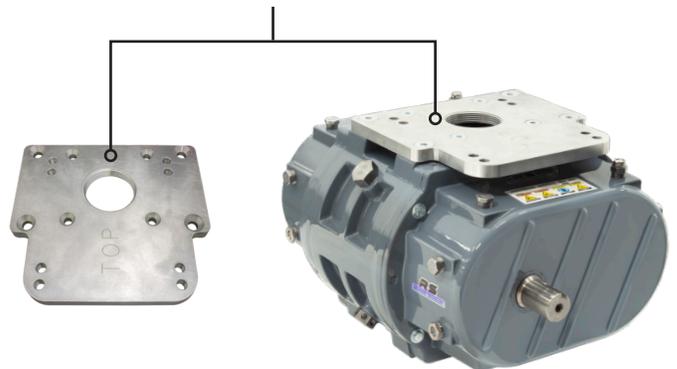
With the T855RS, more discharge air is pushed out while cooler inlet air is being taken in. This results in less torque required, more "useful" air flow, lower temperatures in any operating condition, and quieter operation.

M-D Pneumatics' new adaptor plate now allows you to easily mount the T855RS to most existing vertical flow, L-shape brackets. The T855RS operates at speeds provided by most existing PTOs and setups, converting easily to existing plumbing. Made of lightweight aluminum and provided with mounting hardware, transitioning to the T855RS significantly reduces maintenance downtime and some of the costs associated with installing another screw-style blower.

**RS Advanced Technology™**  
Patent pending on rotor lobes for reduced slip



Optional lightweight aluminum adaptor plate



# REACH NEVER-BEFORE-SEEN PERFORMANCE

## TABLE KEY

	New performance capability parameters
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M-D Pneumatics transport blowers with RS Advanced Technology are able to reach new pressure levels without loss of efficiency. The T855RS achieves more CFM at any speed compared to many popular competitor models.

## 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

## COMPETITOR 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	-	-	-	-	-	-	-	-	-	-
750	-	-	130*	15.0	-	-	-	-	-	-
1000	-	-	220	19.0	200*	25.5	-	-	-	-
1250	-	-	307	23.0	285	32.0	-	-	270*	37.0
1500	-	-	395	28.0	375	36.0	-	-	356*	44.0
1750	-	-	482	32.5	462	42.5	-	-	444*	52.0
2000	-	-	570	38.0	550	49.5	-	-	535*	61.0
2500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\*This commonly used competitor screw-type blower is not recommended for continuous use at these conditions

# UNPARALLELED VACUUM LEVELS

## TABLE KEY

	New performance capability parameters
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RS Advanced Technology allows M-D Pneumatics transport blowers to reach deeper vacuum levels without loss of efficiency. Achieve a 18" hg vacuum level at higher flow rates than ever seen before.

## 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

## COMPETITOR TECHNOLOGY | VACUUM OPERATING PARAMETERS

RPM	2" Hg		12" Hg		17" Hg		18" Hg	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
600	–	–	–	–	–	–	–	–
750	–	–	130	7.0	–	–	–	–
1000	–	–	225	9.0	–	–	–	–
1250	–	–	315	11.5	225*	20.0	–	–
1500	–	–	410	13.5	320*	24.0	–	–
1750	–	–	500	16.0	420*	28.0	–	–
2000	–	–	595	18.0	515*	32.0	–	–
2500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

\*This commonly used competitor screw-type blower is not recommended for continuous use at these conditions

### CONTACT US

For more information, contact your Regional Sales Manager or call us at:

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Your Local M-D Pneumatics Sales Professional: