

# NTS Series

## Liquid Ring Vacuum Pumps

Models: NTS 140, NTS 180, NTS 300, NTS 350, NTS 400, NTS 800



### OVERVIEW

NES Company Inc. presents the NTS Series two-stage 65-4200 CFM port plate liquid ring vacuum pumps. Engineered to exceed industry standards, these pumps serve as seamless drop-in replacements for select Flowserve / Sterling SIHI LPH two-stage vacuum pumps.

Designed with simplicity and durability in mind, the NTS Series boasts a low-maintenance configuration, robust construction and innovative design that enables it to effectively handle a wide range of gases and industrial applications.

Each NES NTS Series vacuum pump undergoes rigorous factory performance testing, guaranteeing optimal functionality and performance.

With the NTS Series, NES Company Inc. continues to set new benchmarks for excellence in vacuum pump technology, providing customers with unmatched quality, performance, and peace of mind for their critical industrial operations.

### UNIQUE FEATURES

- **Wide Range of Suction Pressure** [4" – 28.9" HgV].
- **Standard Construction is Cast Iron** with 304 Stainless Steel Impeller and Shaft Mechanical Seals.
- **Optional full 304 or 316 Stainless Steel construction.**
  - Available with optional single or double cartridge **mechanical seals** for better sealing.
  - Available as a **bare shaft pump or as part of an engineered system.**
  - **2-year factory warranty** against manufacturer's defects.

### BASIC SPECIFICATION

MODELS	NTS – 110, 140, 180, 300, 350, 400, 500, 600, 800, 1200, 2300, 3300, 4200
CAPACITY RANGE	65 – 4238 CFM
MAX VACUUM LEVEL	28.9" Hg



### COMMON APPLICATION

NTS Series Two-Stage vacuum pumps find widespread application in Vacuum Drying, Degassing, Pulp and Paper, Evaporation, Distillation, Textile, Filtering, Power Plants. Its enduring presence underscores its reliability and adaptability to meet the demanding needs of modern industrial processes.

NES Company Inc. 333 Route 46 West, Building A, Fairfield, NJ 07004

(800) 297-3550 | [www.nescompany.com](http://www.nescompany.com) | [info@nescompany.com](mailto:info@nescompany.com)

© 2023 NES Company Inc. All rights reserved

# NTS Series

## Liquid Ring Vacuum Pumps

Models: NTS 140, NTS 180, NTS 300, NTS 350,  
NTS 400, NTS 800



### GENERAL PERFORMANCE PARAMETERS

SERIES	REPLACES SIHI	MAX CFM	MAX OPERATING VACUUM ["HGV]	INLET [INCH]	DISCHARGE [INCH]
NTS-110	LPH-45008	65	28.9	1.5 FL	1.5 FL
NTS-140	LPH-45311	85	28.9	1.5 FL	1.5 FL
NTS-180	LPH-45316	109	28.9	1.5 FL	1.5 FL
NTS-300	LPH-55312	167	28.9	2 FL	2 FL
NTS-350	LPH-55316	201	28.9	2 FL	2 FL
NTS-400	LPH-55320	250	28.9	2 FL	2 FL
NTS-500	LPH-65320	295	28.9	2 3/8 FL	2 3/8 FL
NTS-600	LPH-653237	362	28.9	2 3/8 FL	2 3/8 FL
NTS-800	LPH-75320	530	28.9	2 3/8 FL	2 3/8 FL
NTS-1200	LPH-85340	1059	28.9	4 FL	4 FL
NTS-2300	LPH-95354	2295	28.9	5 FL	5 FL
NTS-3300	LPH-95367	3390	28.9	6 FL	6 FL
NTS-4200	LPH-10534	4238	28.9	8 FL	8 FL

NES Company Inc. 333 Route 46 West, Building A, Fairfield, NJ 07004

(800) 297-3550 | [www.nescompany.com](http://www.nescompany.com) | [info@nescompany.com](mailto:info@nescompany.com)

© 2023 NES Company Inc. All rights reserved