

# NCP Series Dry Claw Vacuum Pumps

Models: NCP-250, NCP-300, NCP-400, NCP-500



**Description:** Dry Claw Vacuum Pump

**Models:** NCP-250, NCP-300, NCP-400, NCP-500

**Power Range:** 5 - 75 HP

**Ultimate Vacuum Pressure:**

- Continuous: 150 Torr
- Maximum: 35 Torr

## OVERVIEW

NES Company is proud to offer our NCP Series Dry Claw Vacuum Pumps, factory performance tested with a 1-year warranty against manufacturer's defects.

## DESCRIPTION

NES Company Inc. introduces our latest line of vacuum pumps, the NCP Series. The NCP dry claw vacuum pump series is able to generate up to 35 torr at maximum and 150 torr in a continuous process at flow rates up to 353 CFM.

The NCP Series is carefully engineered and assembled with tight tolerances. Dry claw vacuum pumps exhibit the highest volumetric efficiency in CFM/HP ratios. Experience the difference that the NES Company NCP Series dry claw vacuum pumps provide for reliable, efficient, moderate vacuum processes.



## FEATURES

- Pumping and gear chambers separated via labyrinth seals
- Synchronized timing gears within gear chamber for precision claw operation.
- Built-in anti-suck back valve prevents backflow upon shutdown.
- Accessories such as non-return valve, vacuum regulator, and exhaust silencer are available upon request.
- **1-year factory warranty** against manufacturer's defects.

## NOTES

NES Company is proud to offer our NCP Series Dry Screw Vacuum Pump. These dry claw vacuum pumps are factory performance tested and include a 1-year warranty against manufacturer's defects. Contact NES Company Inc. today to learn more about the series!

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### GENERAL TECHNICAL DATA (60 HZ)

Model	Flow	Ult. Press. (max.)	Ult. Press. (cont.)	Rated Power	Speed	Voltage	Noise (max.)	Gear Box Oil Capacity	In/Outlet Connection	Dimensions (LxWxH)
NCP-	CFM	Torr	Torr	HP	RPM	V	dB(A), ±3	Gal	BSP (G) or NPT	in.
250	176	37.5	150	7.5	3450	208	76	0.21	2/1.5"	38x20x27
300	212			10			77			39x20x27
400	282			12.5		230	78	0.39	3/2.5"	44x23x28
500	353			15		460	78			51x23x28

### Application table

<b>Applications</b>
Packaging
CNC Routing
Woodworking
Pneumatic Conveying
Holding & Lifting
Pick & Place Procedures
Medical Applications
Laboratory Applications
Plastics Industrial Processes
Central Vacuum Systems
... and more!

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