

Metso

Evolution in motion

Nordberg® HP600e™ cone crusher

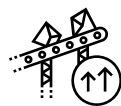


The HPe range provides performance and uptime in a more sustainable way. The kinematics and chamber optimization results in significantly higher performance. The new liners are fitted without backing material.

This makes maintenance breaks shorter and liner replacement easier and safer for the operators while also having a positive impact on the environment at the same time. Designed with the same footprint and external dimensions as the classic Nordberg® HP500™, it seamlessly fits existing foundations.

Benefits

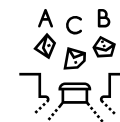
- Enhanced performance
- Enhanced and unique head motion for improved efficiency
- More power: +27% (in kW) and +20% (in hp)
- Environmentally friendly solution as backing material is not needed
- All chambers are new and more efficient
- Head anti-spin brake for higher uptime
- Serviceability improvements
- Optional feed cone lifting tool
- Optional ring bounce monitoring



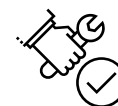
Enhanced
performance



Higher
uptime



Wider application
coverage



Faster and safer
serviceability

Higher level in performance, uptime, application coverage and serviceability.

Evolution in motion

Nordberg® HP600e™ cone crusher

Evolution in performance

- Perfect balance with kinematics, chambers, release force and power rating.
- New HP600e crusher's performance is up to +20% (compared to HP500 crusher) when used in secondary application and up to +15%, when used in tertiary application.

Evolution in uptime

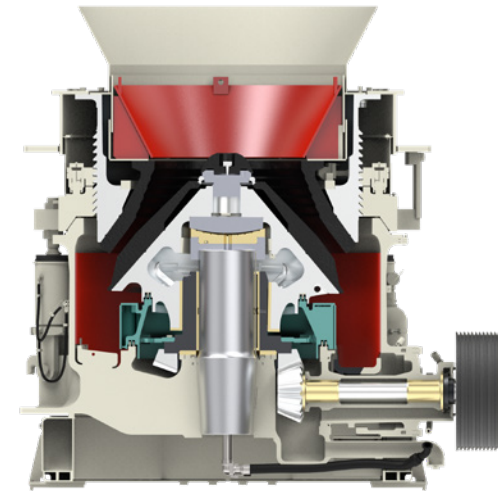
- Quicker, easier and safer liner change with no-backing liners.
- Extended liner life thanks to head anti-spin brake.
- Maximum performance and crusher protection when combined with IC70C crusher automation (optional).

Evolution in application coverage

- Three alternative kinematics to choose from.
- Enhanced chamber designs and application specific chambers. Chamber Selection and Chamber Expert service support the selection of the optimal chamber.
- Alternative speeds.

Evolution in serviceability

- No-backing liners for quick, easier and safer liner change.
- Head anti-spin brake extends liner wear life.
- Enhanced tramp release cylinder mounting.
- New feed cone lifting tool, for safe lifting and handling.



Technical specifications

	Metric	Imperial
Basic crusher weight *	35,000 kg	77,000 lbs
Complete crusher weight **	37,400 kg	82,500 lbs
Maximum power	450 kW	600 hp
Head diameter	1520 mm	60"
Kinematics options	enhanced / classic / reduced store	enhanced / classic / reduced store
Number of chambers ***	9	9
Capacity up to ****	950 mtph	1050 stph

* Bare crusher weight

** Crusher weight with options

*** Additional offering: optional liners range for use with backing material. Different alloy alternatives.

**** Capacity subject to application, cavity, speed and other process parameters.