



SmartDrive Xtreme Cabinet



Normet reserves the right to change
this specification without further notice

Pictures may include options and additional equipment.

INTRODUCTION

Normet SmartDrive Xtreme cabinet

Charger container build for purpose to underground usage.

Supports all Normet charger models and can be retrofitted for existing chargers.

When used with SC320, supports up to 4 satellite units for the charging supply.

Mechanical structures

- Large doors on both sides of the cabinet for easy charger installation and maintenance.
- AC cooling units are attached to maintenance doors to have good access for cooling unit maintenance.
- Removable roof for transportation and charger installation.
- Easily movable design with forklift pockets.

Electronics

- Cable inlet/outlets in both ends of the housing for supply electrics and satellite cabling.
- Dust and moisture proof with IP rated housing to protect the electronics of the chargers in demanding mining environment.
- Supply electrics with electrical protections to fulfill underground standards.

CHARGERS

- Without charger
 - SC160
 - CC160
 - SC 320

General

Enclosure material	Stainless Steel sheet metal frame
Operation temperature	-30°C to +50°C
Cooling	50 kW AC unit (2 x 5 kW AC units with SC 320)
Ingress Protection	IP65*
Emergency stop	Yes, with stopping the supply to charger
Fire suppression system	Optional
Compliance	CE, cULus

Electrical

Pilot circuit	Yes (separate for both cabinets with SC320)
Over/Under Voltage	Limited with separate relay (in addition to charger internal control)
Supply cable	1x3x150 mm ² (2x3x150 mm ² with SC320)
Open door emergency switch	Yes
Supply voltage and frequency	50/60 Hz, 380-440 +/- 10%
Supply transformer for different voltages	Optional as separate unit

*The charger electronics are IP65 level protected

SERVICES

NORMET SERVICES

Normet is committed to servicing its customers all over the world. We provide service from a single machine to an entire fleet. The Normet service offering consists of many different products from delivery of parts and training to fleet performance agreements.

More information check [normet.com](https://www.normet.com):

<https://www.normet.com/en/products-and-services>

For any questions about Normet Services contact local Normet.

<https://www.normet.com/en/contact/>

SPARE PARTS

As a leading global Original Equipment Manufacturer, we are committed to providing a complete solution to your spare parts needs. All of Normet's spare parts are manufactured to the highest possible standards to help maintain the safety and profitability of your projects. Our spare parts improve efficiency and total cost of ownership throughout your operations.

Start a carefree journey with Normet equipment by having the right selection of parts available from the beginning.

Spare part recommendation / Start-up Spare Part package:

Available for the first 2000h*: includes periodical service parts, most common wearing parts and other recommended parts. (*Recommendations are based on average hours that can vary depending on worksite conditions.)

Underground, every part is critical!

More information check <https://www.normet.com>

SERVICE AGREEMENTS

Service agreements are always customized to meet our customer needs, consisting of various Normet service products. The service solution is created together with the customer and the level of an agreement can vary with different support agreements (including e.g. parts, periodical maintenance, on-call services, and audits) up to guaranteed fleet availability or process performance (including e.g. parts, all maintenance activities, operator trainings and process audits).

Note that we can provide Digital solutions with connected equipment.

More information check [normet.com](https://www.normet.com).

TRAININGS

Training services can be tailored to your individual needs and range from equipment service training to process application training.

We offer a sustainable training path from the beginning of your operation to the execution stage of your project.

More information check [normet.com](https://www.normet.com).

COMMISSIONING

Equipment commissioning concerns **equipment familiarization**. This is included as part of Normet vehicle delivery. Safety introduction and operating basics for Normet Equipment. Review of Normet user and spare parts manuals. Hands-on equipment safety device operational training. Ensure product quality and customer satisfaction during handover.

Commissioning includes machinery handover to customers and safety operating principles without technical insights or process application training.

EXTENDED COMMISSIONING

We offer an extended training package on top of standard commissioning. Normet provides extended commissioning services that offer basic insights into maintenance manuals, periodical and daily maintenance, as well as modern operating perspectives to maximize handling efficiency. Safety-oriented training ensures reliable operations for breaker boom systems. This cost-effective solution covers the essential aspects of equipment operation, safety, and maintenance schedules.

To ensure continuous and maximized safe operations with your new equipment and to expand your knowledge scale of operations, this option is the most suitable and recommended option for extending your new equipment training. This cost-effective solution covers the essential aspects of equipment operation, safety, and maintenance schedules.

UPGRADES AND MODIFICATIONS

We build our machines to last. We also understand that your needs on the ground can change - and reacting to that change makes a big difference in your productivity. Normet Upgrades & Modifications provide you with access to product improvements that meet your evolving requirements and let you stay one step ahead of the curve.

Contact your local Normet office for Upgrade offering to your fleet.

More information check [normet.com](https://www.normet.com).

DIMENSIONS

Height	~3100 mm (without roof ~2400 mm)
Width	~ 3100 mm
Depth	~ 1550 mm
Weight	~ 2000 kg (with CC160 / SC160)
Weight	~ 2500 kg (with SC320)