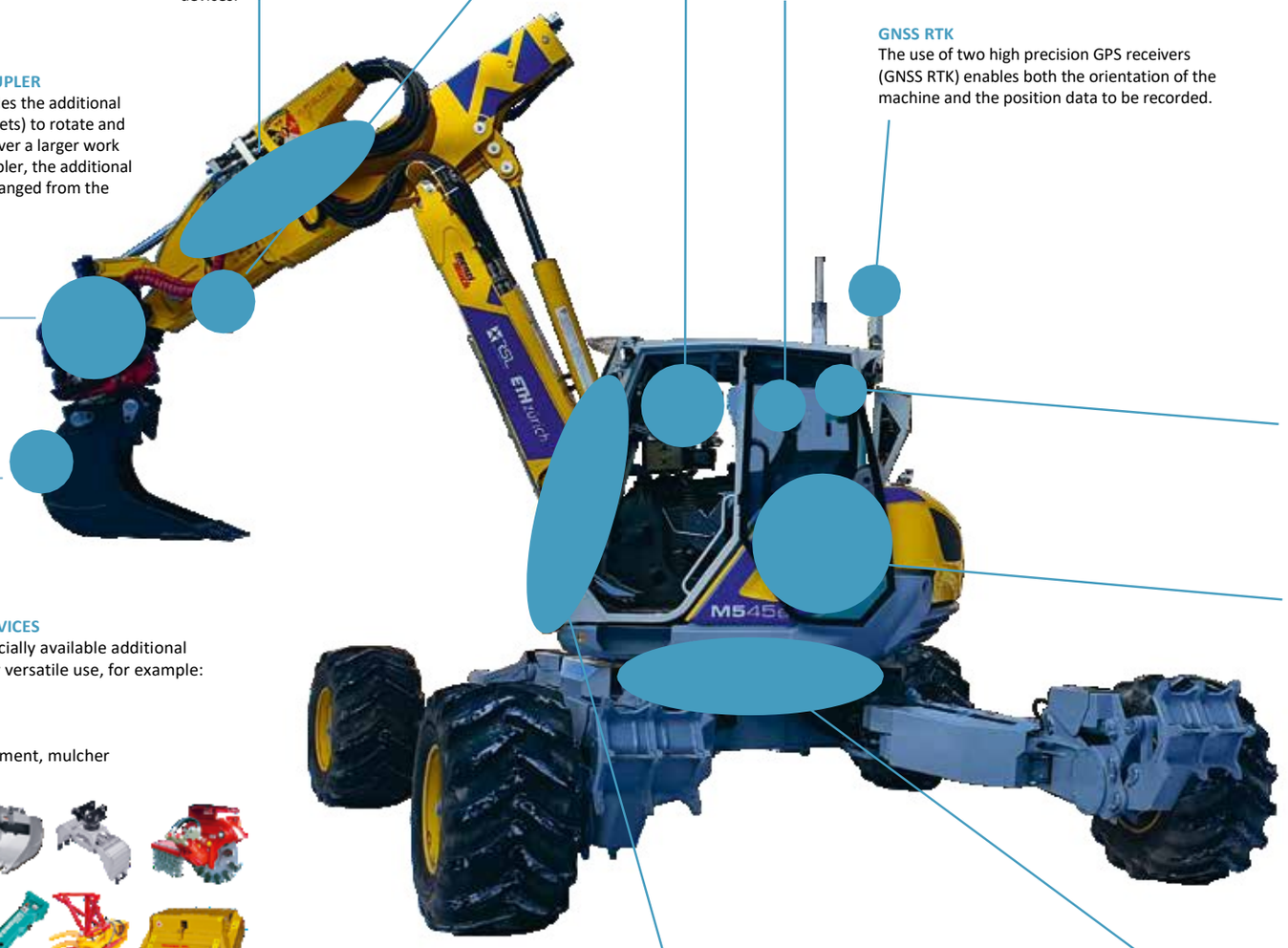
CAMERA SETUP
Four cameras in the cabin and one on the arm enable a good general overview of the situation to be obtained and deliver high-resolution images of the scoop for remote-controlled operation.

INSTRUMENTIERUNG DES AUSLEGERS INSTRUMENTATION OF THE CANTILEVER ARM
The cantilever arm has been equipped with distance sensors and inertial measurement units to determine the position and orientation of the additional devices.

MANNED OPTIONALLY
Thanks to the additional interior fittings in the cabin, the machine can be operated on a manned or unmanned basis.

GNSS RTK
The use of two high precision GPS receivers (GNSS RTK) enables both the orientation of the machine and the position data to be recorded.

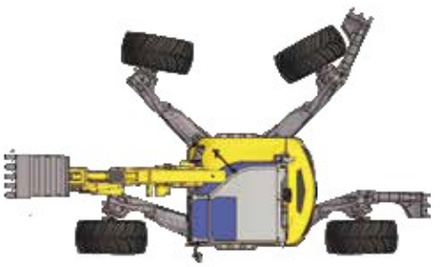
ROTOTILT & COUPLER
The Rototilt enables the additional device (here buckets) to rotate and tilt, in order to cover a larger work area. Using a coupler, the additional devices can be changed from the cockpit.



WIRELESS EMERGENCY STOP RECEIVERr
In case of a critical error, the robot can be stopped from a distance.

ADDITIONAL DEVICES
Various commercially available additional devices allow for versatile use, for example:
– bucket
– gripper
– cutter, drill
– forestry attachment, mulcher
– cable winches

TECHNICAL SPECIFICATIONS
- Total weight: approx. 13t
- Working range: approx. 8m
- Payload (at 4.5m radius): 6t
- Width:
  - Maximum: 6m
  - Minimum: 2,4m



PROTECTION
12mm of armour steel as well as laminated glass protect the electronics, the interior of the cabin and the hydraulic unit from smaller fragments.

AUTOMATED CHASSIS
The semi-automated chassis takes over tasks such as the even distribution of force to all wheels or the horizontal alignment of the cab.