

FASSI



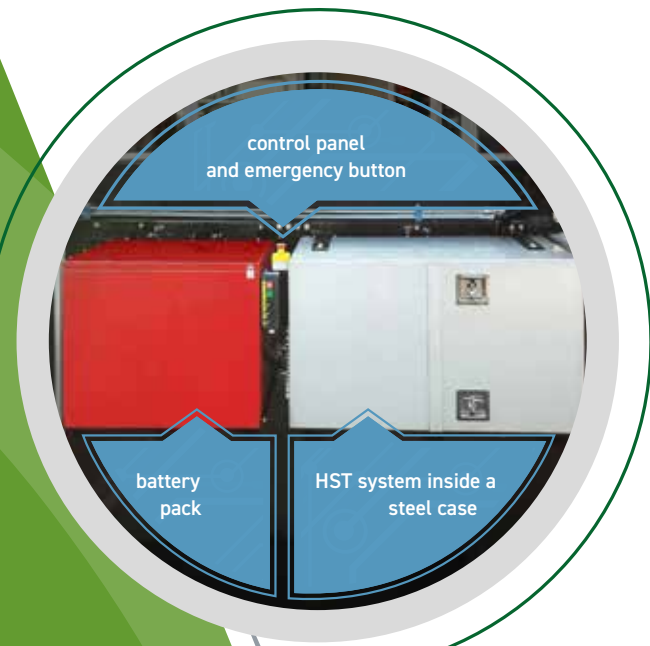
Hybrid Smart Technology



HYBRID 

FASSI

HYBRID



HST system

is available for cranes up to 40 tm equipped with D900 distributor, variable flow pump, valves XF, radio remote control V7S

BENEFITS

- ✔ Crane operative when truck is switched off
- ✔ Fuel savings
- ✔ Noise reduction
- ✔ Work indoors
- ✔ Battery pack charges while truck is in transit
- ✔ Reducion of CO₂ emissions
- ✔ Better hydraulic energy efficiency
- ✔ Work in green urban areas

CARBON FOOTPRINT

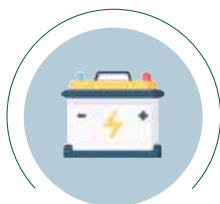


Hybrid Smart Technology



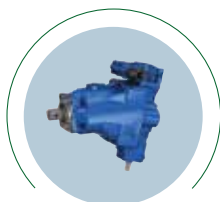
The **Fassi HST system** responds to increasingly pressing demand, for **cranes capable of working in built-up areas without the need for the vehicle to be in motion, thus without emissions from exhaust gases and also without noise.** The Hybrid Smart Technology system meets all these requirements, because the crane works with the truck engine switched off thanks to its own electric motor powered by the battery pack. The system is also safe, as it operates at a low voltage (48V-51V) and therefore does not require any special operator training, as would be necessary with medium-high voltage systems. The system has been tested for compliance with UN/ECE Regulation R10, which uses electromagnetic compatibility tests to assess the effects on users and on other electrical equipment in the vicinity.

engine specifications and performance



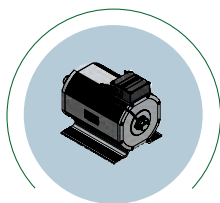
dimensions	75 l x 58,8 h x 50 w cm
lithium battery pack batteries 51 V	average life in continuous use 3 1/2 hours
battery pack capacity 560 Ah	non-hazardous voltage, no specialist maintenance required
use at low temperatures	battery equipped with internal heater
battery weight	275 kg

lithium battery pack



variable flow pump	for energy saving
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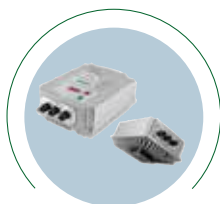
variable flow pump



permanent magnet AC electric motor	48 V
dimensions	115 l x 60 h x 60 w cm
weight	230 kg

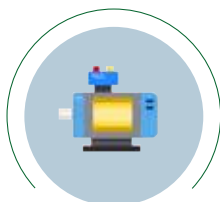
permanent magnet AC motor

specifications and performance of the battery pack charging



charging voltage	16A single-phase 220v 50/60 Hz socket
full charge	9 h
charging can also be carried out while crane is at work	
charging can also be carried out while the AC generator is in operation	

battery charger



charging voltage	48 V
full charge	4-5 h
charging can also be carried out while crane is at work	
charging can also be carried out while the battery charger	

permanent magnet AC generator





LEADER IN INNOVATION



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COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =
= ISO 14001 =

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