

GTCB - Garbage compactor integrated control block



CUSTOMER BENEFITS

- Compact design.
- Minimized weight.
- Smooth carriage lifting and lowering.
- Reduced pressure losses for energy savings.
- Emergency stopping.
- Control of machine structural stresses.
- Interface with ED directional control valves for auxiliary functions: ejector cylinder control, rear bonnet opening, closing and locking.

TECHNICAL DATA

- Flow rate: 120 l/min
- Pressure up to 350 bar

APPLICATIONS

- Garbage Trucks

COMPACT DESIGN AND HIGH PERFORMANCE FOR THE NEW SOLUTION FOR GARBAGE TRUCKS.

Bosch Rexroth Oil Control introduces this innovatory solution dedicated to mobile applications as the garbage truck. The new block, entirely re-engineered, has been studied in order to respond to the requests of municipal vehicle's market, asking for high performance and compact solutions.

Compared to its previous versions, it has been developed in cast iron, with a consequent weight and size reduction.

The new compact block includes a 4-way on/off (or proportional) piloted directional control and integrates unloading function in order to prevent unwanted movements.

The block has been engineered specifically for garbage compaction functions, but thanks to its flanging features with ED modular directional valves (Escala) it also allows other application functions such as: ejector cylinder control, rear bonnet opening, closing and locking. This solution allows, therefore, a configuration with just a single pump for all the functions, simplifying the machine's circuit and reducing costs.

Contact: compact-hydraulics-cdv@boschrexroth.com