



FACILITIES & AUXILIARIES

AUTOMOTIVE POWERTRAIN

FACILITIES

Facilities are meant as any subsidiary structure of the testing system itself: their purpose is to make the working process efficient and compliant with the most stringent safety regulations.

Simpro supplies turnkey products, complete with lighting and ventilation systems, soundproof cells, fire-extinguishing devices, lifting and handling equipment (hoists and bridge cranes) as well as thermofluid systems intended for feeding and draining any fluid used in the test benches (system supply fluids, coolants, drippings).

These structures are directly connected to the factory supply mains as to cooling water, compressed air, overheated air, drain fluids, diesel/gasoline. So, the test bench is completely automated, also with regard to fluid feeding and draining: this results in a considerable time reduction of engine loading and unloading operations, as well as in an increase of productivity.

AUXILIARIES

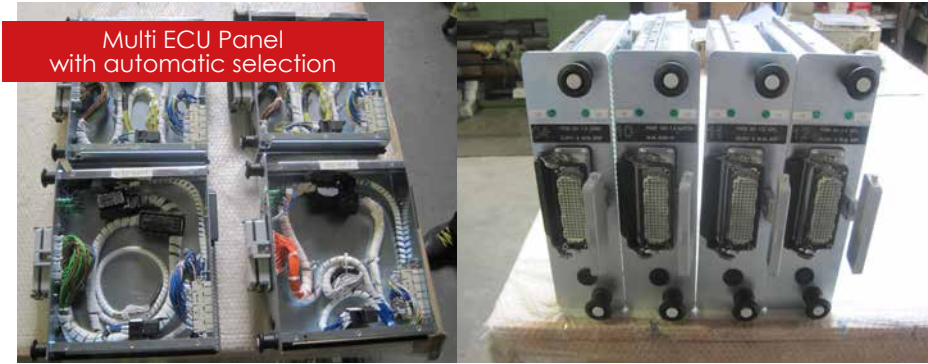
Simpro also supplies all those auxiliary components required for the proper functioning of its own systems, for maintenance or for handling of materials.

Repair benches are provided for engines failing the test, special-purpose conveyor systems designed

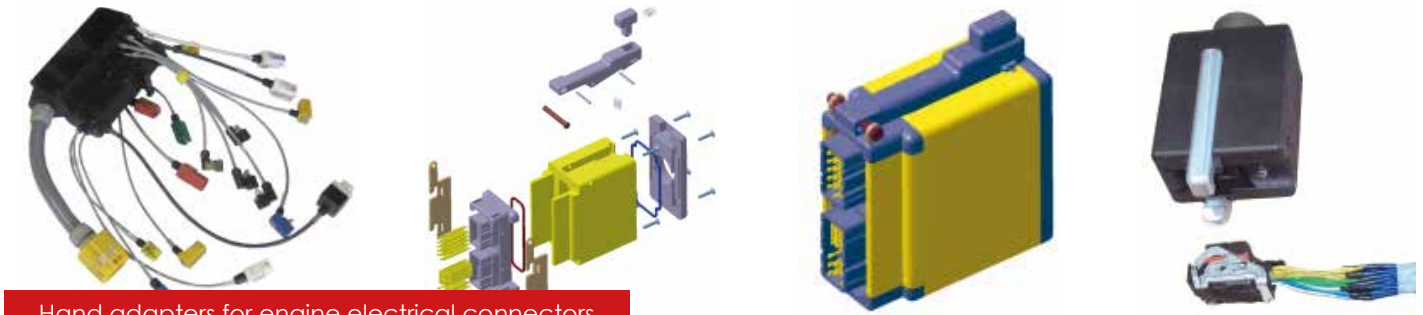
according to the specific requirements of the main system (pallets, friction rollers, fly-rollers), or special trolleys, are provided.

As any other component manufactured by Simpro, the auxiliary devices also comply with the most advanced safety standards and with the regulations in force in the country





Multi ECU Panel with automatic selection



Hand adapters for engine electrical connectors

FEATURES

- Complete turnkey testing facilities;
- Soundproof enclosures;
- Containerized test benches;
- Complete ventilation system;
- Air conditioning;
- Storing, filtering and conditioning of testing fluids;
- Exhaust handling;
- Fire-fighting system;
- Toxic and explosive gas detection;
- Crane for engine handling;
- Conveyor system for pallet circulation;
- Special solutions for drive shaft;
- Rigging station for engine testing;
- Engine repair bench;
- Multi ECU panel with automatic selection;
- Testing wire harness and hand adapters for engine electrical connectors.



Media supply



Repair bench



Pallet conveyors