

# INFORMATION

## Substructure fitting car model UM / FL



For fitting and removing drive units and powerpacks underneath railvehicles HYWEMA® developed a special hydraulic substructure fitting car model UM / FL 3, capacity 3.000 kg and modul UM /FL 5 capacity 5.000 kg.

As the railway car is lifted for the installation of single components, the linking-up of aggregates is quite difficult.

For this reason HYWEMA® developed this rail-mounted fitting table which can be used up by hand in the gauge measure of suburban and underground. In order to prevent a rolling-away during the installation one put up support spindles on the mobile frame.

The process of cubic is effected by a compact hydraulic which is build up on the mobile frame. Operation is effected by a remote control which is connected with a cabel with a length of 3 m,

so that the operator is able to watch the aggregates which should be installed from all sides during the whole process of cubic.

As it is impossible to bring the aggregates in the requested position while laying them on the platform, a stewing ring has been build into the platform. This stewing ring is able to turn the platform 90 degrees.

The operator also got the possibility to remove the load 50mm. This makes an integrated swimming platform possible, on which a rotary platform has been installed. Now the aggregates can be moved by less handles and also less strength effort into the requested position of insallating.

As the aggregates are partially quite high, the lifting table with all its functions including ground clearance had to be realized in a low height of construction of 300 mm. The capacity is about 3.000 kg.