

HYDRAULIC SCAFFOLDING (GALILEO)

WPS is using a special hydraulic, self moving scaffolding for the installation of waterproofing membranes in tunnels.

It is a totally independent scaffolding based on wheels, self propelled by an electric motor. The personnel basket is supported on the frame by an extending arm reaching maximum height 9,20m. The extending arm permits the basket to adjust to the tracking geometry of the tunnel excavation overhead. The standard working radius of the basket is 7m.

The geotextile and membrane rolls are positioned on a steel bar fixed on the basket and are unrolled automatically when the basket is moving along the tunnel periphery. The maximum roll width that can be loaded on the scaffolding steel is 3,80m.

The particular scaffolding offers comfortable working conditions providing safety measures on a harsh environment. In addition it permits the passage of all other project site vehicles without disruption of tunnel traffic

