For 50 years, PERI products and systems have successfully proved themselves in the market globally. It was a proud moment for PERI India to launch HANDSET Alpha – A lightweight panel formwork system during EXCON 2019 at Bengaluru. This is the system where the ideation, prototype, design and planning has been done in India considering the needs of Indian customers.

PERI HANDSET Alpha is a modular panel formwork system suited for various walls and column applications. It is designed in such a way that all panels are multi-purpose panels that can be used in any direction. With two sizes in height and three sizes in width, it offers all possible configurations to meet different pour height requirements with less utilized formwork area. Hence, it is an efficient and economic system for construction site application.

HANDSET Alpha provides the highest flexibility in the construction of walls and different sizes of columns with optimal material utilization and easy handling by only two people. The system meets all requirements with inﬂills up to 30cm, 90° internal and external corners, T-junctions and stop-ends.

HANDSET Alpha panel formwork system is designed for concrete pressure up to 60kN/m² for walls, 75 kN/m² for columns (up to 600mm x 600mm) and 60 kN/m² for columns (from 650mm x 650mm to 900mm x 900mm) according to DIN EN18218 (Evenness: line 6 in accordance with DIN EN18202). The panel is made of high-grade steel frames and 12mm ply with phenolic resin, which makes the system very robust and offers smooth concrete finish.

**Key System advantages**

**Fast working operations**

Ideal sizes of multi-panels, very few components and multi-applications

**Easy and simple connections**

Unique alignment coupler or wedge clip for all panel connections and in-built brace connector for connecting the push-pull props

**Cost-effectiveness**

Optimum panel sizes to ensure effective utilization and better productivity

**Ergonomic in all aspects**

Light weight panels with integrated handles, crane free working at site