

MOVAX

IH-25D

PILING HAMMER



**“EXCAVATOR MOUNTED
25 KNM HYDRAULIC
HAMMER FOR DIFFERENT
TYPES OF PILES,
BLOW RATE UP TO
400 TIMES/MINUTE.”**

Movax IH-25d is an excavator mounted piling hammer for driving sheet piles, tubular steel piles, H-piles and pre-cast concrete piles. As a big drop hammer, though still compact in design, it finalizes pile driving even at difficult ground conditions. Movax IH is easy to hook on as there are adapters available for all common quick release coupling models. All controls of Movax IH, such as hitting on/off, hitting energy and tilt left/right and following of pile are easily managed by Movax Automatic operating system. Auto C display shows also the angle and distance, which can be controlled by Auto C or manually.

Other features of Movax IH-25d accelerated hydraulic drop hammer:

1. Compact design fits between two std 600 mm sheet piles because the frame width is only 560 mm
2. Integrated leader with 1,2 m stroke to follow the penetration of pile
3. Changeable bottom plate or helmet for different pile types and materials. Foundation tubes up to dia 220 mm fit directly into the anvil of the hammer without helmet.
4. Simple and rugged construction
5. Easy access to service locations

6. Hits also in angle without tremendous hitting energy losses. This is possible because of acceleration force, which compensates frictions of sliding surfaces
7. Stepless hitting energy adjustment
8. Creates full pile bearing capacity up to dia 170 mm and 30 m long steel pile. For dia 220 mm piles end-of-driving criteria can be achieved up to 20 m length.
9. Advanced hydraulic circuit
10. Shock absorber against counter hits form pile gives durability for hammer frame

Movax IH-25d Technical Specifications

Type	IH-25d
Total weight [excl. excavator, adapter & helmet] (kg)	3800
Ram weight (kg)	1300
Blows per minute (1/min)	0 - 400
Impact energy (kJm)	0 - 25
Drop height (m)	0 - 0.7
Pressure relief set max (bar)	350
Oil flow rate (l/min)	60-120
Side tilt angle (deg)	+/- 30
Total height (mm)	4500
Frame width (mm)	560
Transport width	1350
Depth	1350

