

**HA SERIES, THE PERFECT SOLUTION
FOR APPLICATIONS WITH LIGHT VEHICLES**



**TELESCOPIC CRANE – COMPACT, LIGHT AND EASY TO USE
HA 22**



ACCESSORIES

- Radio remote control
- Oil tank
- Supplementary element activation
- Winch
- Manual extensions
- Electro-hydraulic powerpack
- Extra cross beams
- Tubular base for crane stabilizers (single or double)
- Manually opening stabilizers
- Manually opening and turning outriggers
- "Green" Oil*



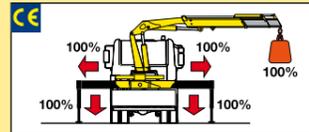
Electro-hydraulic powerpack

*) Eco-friendly



STABILITY CONTROL SYSTEMS (CE)

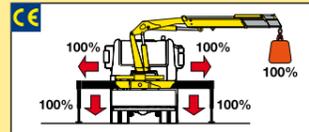
HM System



The **HM System** integrated in the load limiting device checks the stabilizers' positions. Only when all beams are fully open and all stabilizers are on the ground the crane can operate and lift loads.



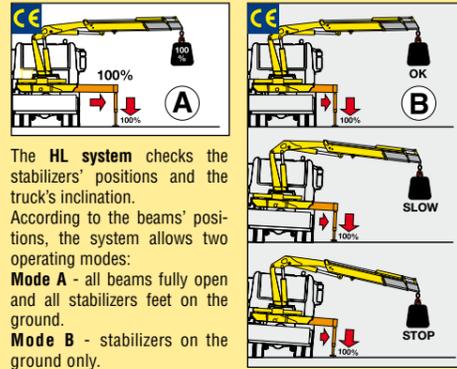
HML System X



The **HML System** integrated in the load limiting device checks the stabilizers' positions. Only when all beams are fully open and all stabilizers are on the ground the crane can operate and lift loads.



HL System X



The **HL system** checks the stabilizers' positions and the truck's inclination. According to the beams' positions, the system allows two operating modes:
Mode A - all beams fully open and all stabilizers feet on the ground.
Mode B - stabilizers on the ground only.

In **mode A**: the load limiting device stops the crane when the crane reaches 100% of the nominal capacity.
 In **mode B**: a dedicated sensor monitors the truck's inclination. The load limiting device stops the crane before it reaches an inclination angle dangerous for stability, or when the crane reaches its nominal capacity.



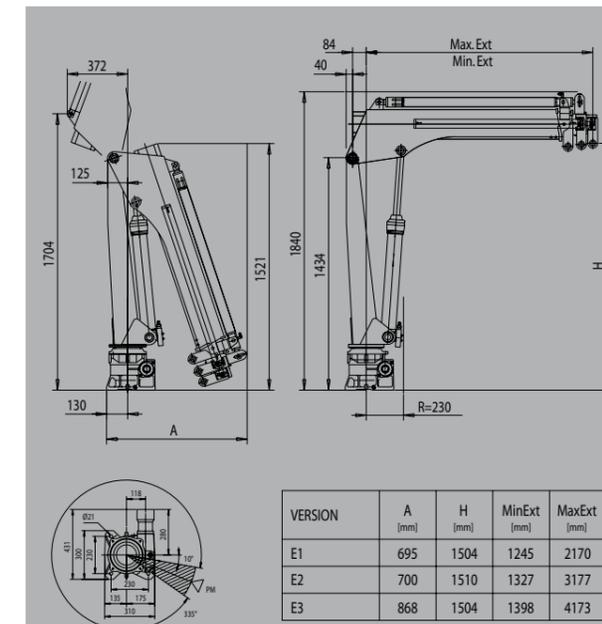
HA 22 X



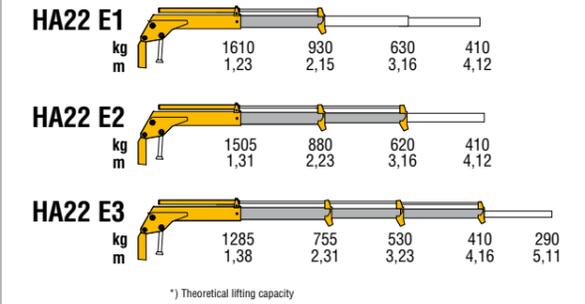
- Compact dimensions and reduced weight
- Proportional speed control of any single movement
- Stabilizer control by radio

TECHNICAL INFORMATION HA 22

DIMENSIONS (MM)



LOAD DIAGRAMS



STANDARD FEATURES

- Designed in accordance with EN12999
 - Design class: HC1-HD4
 - Hexagonal section extensions
 - Flanged valve
 - Assembly kit
 - Control panel with customizable position
 - ABS protective cover on controls
 - Worm and gear rotation
 - Fittings SAE-JIC
 - Sliding pads on telescopic extensions
 - Self-lubricating bushings
 - Independent telescopic cylinders
 - Light indicator for correct stabilizer stowing (CE)
 - Mechanical rotation limitation (CE)
 - Swivel stabilizer foot
- Thanks to their extremely compact dimensions all cranes in the HA series are projected to be mounted on small equipment such as: car trailer, tracked vehicle, pickup, small trucks and stationary mounting;
 - Control panel with customised position in order to always have the more ergonomic position;
 - Hexagonal extensions with sliding pads allow to always have rigid and aligned boom.

TECHNICAL SPECIFICATIONS

		HA 22 E1	HA 22 E2	HA 22 E3
Lifting moment	tm	2,00	1,96	1,74
Max. vertical reach	m	3,56	4,51	5,45
Slewing angle	°	335	335	335
Slewing time	s/180°	10	10	10
Max. working heel	°	3	3	3
Working pressure	bar	160	160	150
Oil tank capacity	l	17,5	17,5	17,5
Max. oil flow	l/m	8	8	8
Standard crane weight (without stabilizers)	kg	216	243	265

110 countries
+3,500 employees
20,000 customers
+30 subsidiaries
12 production facilities



Hyva is a leading provider of innovative and highly efficient transport solutions for commercial vehicles used in transport, construction, mining, materials handling and environmental service industries.

Founded in 1979 in the Netherlands, the company has a global presence with more than 30 wholly owned subsidiaries, extraordinary service coverage and 12 manufacturing facilities in Brazil, China, Europe and India.

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