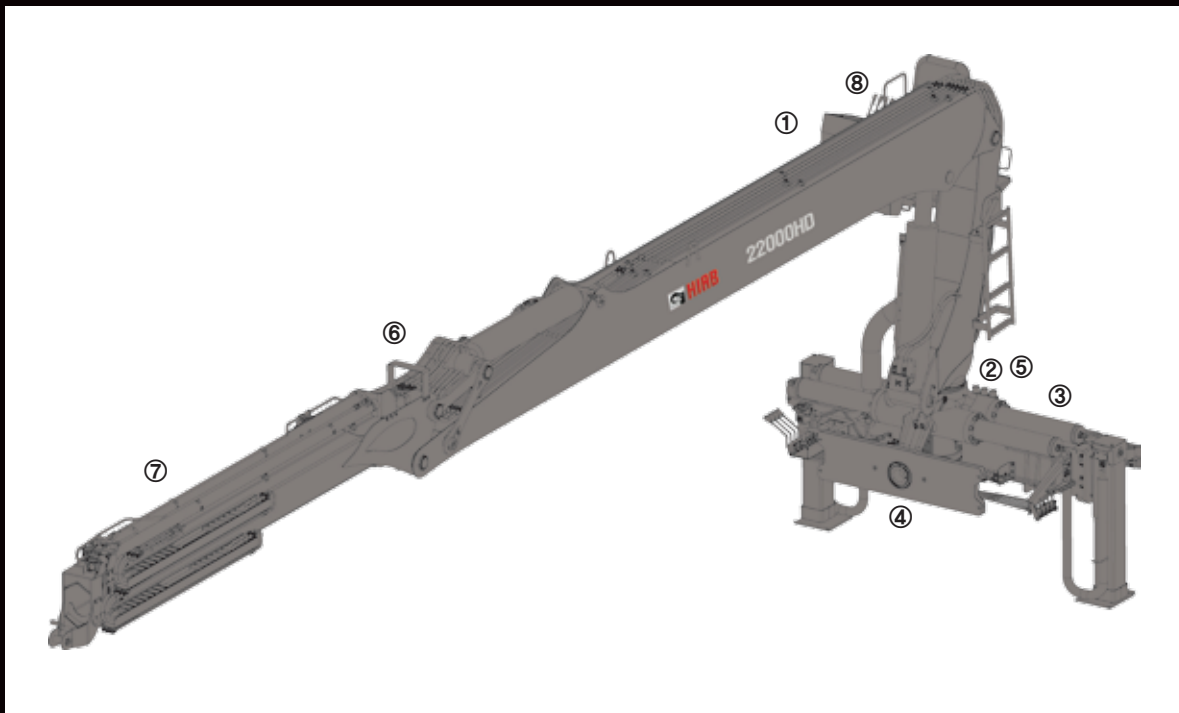




HIAB BRICK & BLOCK HANDLING CRANE



Features and Benefits



① **Safety system(Hydraulic OLP, Option)** provides safety by sensing cylinder pressure and related parts. It helps you improve maneuvering efficiency and safe operation of crane.

② **Casted steel base**

The base keeps the column in position and connects it to the stabilizer beam. In addition to carrying the ensure weight of the crane it also hosts and slewing mechanism. This places stringent requirements on the structure of base. High quality cast steel base are very sturdy since strain is evenly distributed.

③ **Double rack slewing system** gives the slewing motion a smooth start and is especially suitable for heavy duty application and also extremely reliable with high torque keeping maintenance costs down and productivity up. Rack and pinion slewing provides reliable operation even on incline or slopes.

④ **With three-point bridge** the driving characteristics of the truck are only minimally affected by the crane, so that riding in the truck cab remains a smooth and comfortable experience.

⑤ **Oil bath** keeps the slewing mechanism immersed in oil is a prerequisite in the heavy duty work that our crane perform. The oil bath provides smooth and precise slewing and reduce wear on the mechanism, keeping repair and service costs to a minimum.

⑥ **In line type boom system with D-link**

An outer boom link provides better lifting capacity close to the base and evens out the angular velocity of the boom tip, resulting in smooth and precise performance. It also prevents capacity loss when working with an extended second boom.

The system absorbs pressure peak and shock during materials handling work making the easy to work with.

⑦ **External hose routing for boom system**

provides easy check and maintenance of hydraulic lines, also keeping repair/service cost minimum with easy maintenance at sites.

⑧ **Top seat control** ensure to get the good visibility of working site and get direct feeling of crane condition and status with good and smooth maneuverability.

Technical data

Description	Unit	HIAB 16000HD	HIAB 22000HD
Crane capacity	tm	15.5	21.5
Max. outreach, hydraulic	m	6.7	15.7
Outreach / lifting capacity	m/kg	4.9 / 3150	9.8 / 2100
		5.5 / 2800	12.5 / 1560
		6.6 / 2340	15.3 / 1240
Type of boom		In line type, Hexagonal extension booms	
Boom lifting speed / angle	sec/°	18 / -37~80	25 / -35~80
Boom extension system		1 hydraulic extension	2 hydraulic extension
Boom, hydraulic extension	m	1.78	5.6
Boom extension speed	sec.	10	23
Type of rack/pinion(slewing)		Double	
Slewing torque	kNm	33.9	37.8
Slewing angle	°	410	410
Slewing speed	°/sec	11	8.5
Max. operation pressure	bar	275	270
Recommended oil flow	ℓ /min	50	60
Type of control		Top seat control	
Type of stabilizer leg		Rectangular tube protected	
Stabilizer span	m	4.09	5.78
Weight "standard" crane without stabilizer, Approx.	kg	2270	3200
Recom. "Truck capacity"	ton	8	11

- All above models are non-CE version.
- The crane weight doesn't include the accessories weight.
- Options : OLP(Hydraulic or Electrical), Joy stick control(2 levers with 2 pedals), Oil tank, Oil cooler, Separate outrigger

BUILT TO PERFORM

Hiab is the world's leading provider of on-road load-handling equipment, intelligent services and digitally connected solutions. Hiab's offering encompasses class-leading load handling equipment including HIAB loader cranes.

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