

JONSERED iZ.18R HD Recycling crane



Driving durability in every cycle

The JONSERED iZ.18R HD recycling crane is engineered for continuous operation in demanding environments where reliability is essential. Its robust heavy-duty design, precise movements, and responsive handling give operators full control, enabling efficient material handling and consistent productivity throughout the workday.



Compact yet highly durable, this 18 ton-meter crane is built on proven technical solutions and high-quality components. The result is dependable performance, long service life, and minimal downtime - helping your business keep moving day after day.



Efficiency, safety, and control with SPACEvo

The SPACEvo control system technology elevates the iZ.18R HD to a new level of performance. It increases operational efficiency, allowing more work to be completed in less time while enhancing safety for operators and surroundings.

Its open, modular platform allows additional functions and features to be integrated over time, protecting your investment and maintaining strong residual value. Premium components - including the Olsbergs V200 control valve - ensure smooth operation, durability, and lower ownership costs.

Operators can fine-tune crane movements and behavior to match specific tasks, working conditions, or personal preferences. This level of customization improves precision, safety, and overall efficiency every day.

Maximum weather protection with nDurance

Recycling operations expose equipment to constant wear from rain, dust, sand, and sunlight. The iZ.18R HD is protected by nDurance - an advanced, environmentally responsible surface treatment and paint process.

Combining nano-technology with state-of-the-art e-coating and powder coating, this multi-layer protection covers every square millimeter of the crane, providing outstanding corrosion resistance and long-term durability.

- Three layers for maximum corrosion resistance
- 100% phosphate-free process
- No heavy metals and virtually zero waste
- Reliable protection in all weather conditions

The JONSERED iZ.18R HD is engineered to deliver safe, efficient, and heavy-duty performance in the toughest recycling applications - day after day, year after year.

Versatility for a wide range of applications

The JONSERED iZ.18R HD is purpose-built for heavy-duty work where strength, durability, and reliable control are critical. Designed to withstand continuous operation in harsh environments, it handles demanding recycling, municipal, and construction tasks with confidence.

Its reinforced structure and stable, precise movements enable safe and productive operation across multiple applications with a single machine. The result is dependable performance, reduced downtime, and efficient use of equipment — even under the toughest working conditions.



Scrap handling and ground material collection

Efficient loading, sorting, and movement of loose or bulky materials in recycling and scrap yards.



Vehicle recovery and car wreck handling

Safe pickup, repositioning, and loading of damaged or end-of-life vehicles in yards or collection sites.



Municipal and environmental work

Removal of mud, soil, roadside debris, verge waste, ditch material, and biological waste with precision and control.



Underground waste container handling

Reliable lifting and emptying of buried bins commonly used in urban waste management systems.



Construction and demolition support

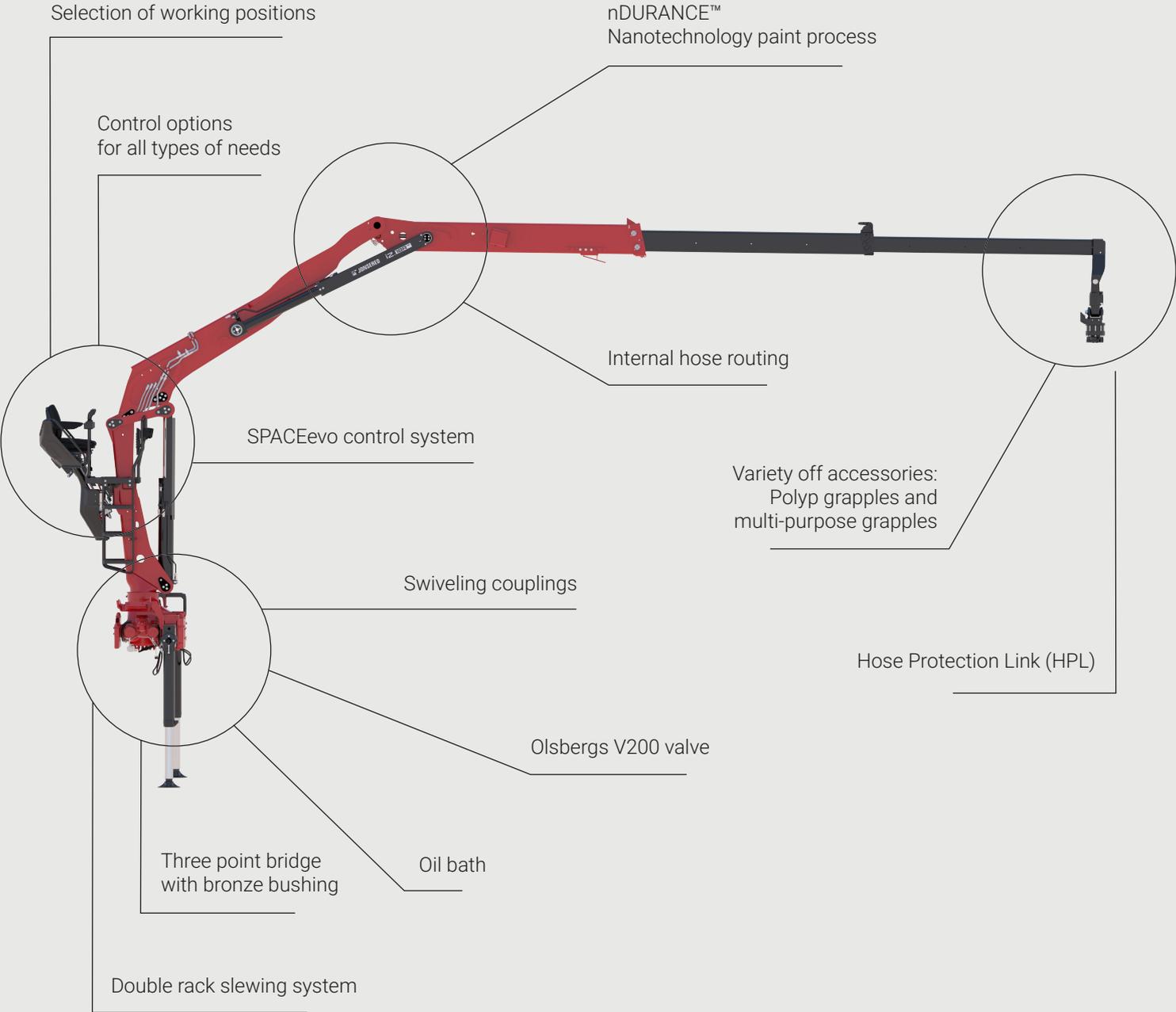
Removal of concrete, rubble, and heavy materials from building or restructuring sites - especially effective when paired with a tipper body for fast load-and-go operations.



Bulk material loading and transfer

Fast and controlled loading of sand, gravel, wood waste, compost, and other loose materials into trucks, containers, or processing equipment.

Built to last



Built to perform

Easy and intuitive crane operation

Flexible control options let operators work safely, comfortably, and precisely:

- Mechanical levers + pedals (2+2)
- Electric joysticks
- Remote control

Multiple operator positions

Choose the safest and most efficient setup for each job:

- High seat
- Side seat (left or right)
- Platform
- Cabin (left-side column)

Premium components

- Olsbergs V200 control valve for smooth, precise control
- Parker P70 stabilizer valve for stable, safe operation

Quick and safe stabilizer setup

Deploy stabilizers easily and start work faster:

- Electric keypad or crane-base control
- Electric joysticks
- Remote control

Technical specifications		iZ.18R HD 86	iZ.18R HD 90	iZ.18R HD 100
Max. lifting capacity	kNm	186	177	174
Max outreach	mm	8550	8985	9985
Hydraulic boom extension	mm	2260	3530	4030
Outreach - lifting capacity, standard	m-kg	3 - 5200	3 - 4400	3 - 3950
		4 - 4000	4 - 3800	4 - 3400
		5 - 3300	5 - 3400	5 - 3100
		6 - 2800	6 - 2900	6 - 2850
		7 - 2400	7 - 2450	7 - 2400
		8 - 2080	8 - 2100	8 - 2040
		8,3 - 1900	8,7 - 1640	9 - 1780 9,7 - 1400
Slewing system	-	Double		
Slewing angle	(°)	413		
Slewing torque, gross	kNm	34,6		
Max. slope viable at full capacity	(°)	5		
Max. working pressure	MPa	27		
Min. recommended oil flow – variable displacement pump	l/min	160		
Power needed at min. rec. oil flow - variable displacement pump	kW	80		
Road width (without seat)	mm	2496		
Weight - Crane	stabilizers and weight oil included; without accessories			
Weight - HiSeat Crane with standard (wide) stabilizers	kg	3020	3040	3110
Weight - Cabin* Crane with standard (wide) stabilizers	kg	3540	3560	3630

*Cabin currently not available

BUILT TO PERFORM



Hiab (Nasdaq Helsinki: HIAB) is a leading provider of smart and sustainable on-road load handling solutions, committed to delivering the best customer experience every day with the most engaged people and partners. Hiab's premium equipment includes HIAB, EFFER, ARGOS and ING loader cranes, MOFFETT and PRINCETON truck mounted forklifts, LOGLIFT forestry cranes, JONSERED recycling cranes, MULTILIFT skiploaders and hooklifts, GALFAB roll-off cable hoists, ZEPRO, DEL and WALTCO tail lifts, and the service brand HIPERFORM, a comprehensive suite of smart solutions that help maximise the life-cycle value of Hiab's equipment.

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