



CITY Cranes

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KESLA PROSTABILITY FOR MUNICIPAL CONDITIONS

Kesla has developed a stability control system for the City cranes, proSTABILITY. The system enables to control the crane by radio control or electrically from top-seat or from cabin. The system alerts the driver about several factors that have impacts on stability, for instance for overload, inclination of the truck or if the vehicle loses ground contact. In addition, it prevents functions that increase the lifting torque in extreme conditions. The system shows several crane status data including sensor faults, fault log, the position of the stabilizer and crane as well as lift capacity in that position. The system also offers the possibility to a limited lift sector without stabilizer legs.



KESLA proSTABILITY R

The radio controlled crane is a convenient solution for short but demanding loadings with high accuracy. The control system is a Scanreco-radio control unit. The visibility to the crane is excellent as well as the connection to the stability system.



KESLA proSTABILITY E

The system is also available with a top seat equipment and with joysticks. This alternative is especially suitable for longer work and specific demand for high output.



KESLA proSTABILITY cabin

Most of the City cranes can be equipped with Vision cabin, which offers comfortable conditions for severe weathers or when working long periods.



APPLICATIONS OF THE CITY CRANES

There are many ways the KESLA City cranes can be used. The most typical is that these sites are at neighborhood areas, or at areas which have lots of traffic and people. It can be emptying of waste containers, goods delivery or lifting (large sacks, construction sites, bulk material), recycling (for instance, metal scrap) or gravel loading.

The KESLA City crane:

- Strong
- Has a long outreach
- Durable
- Faster than a traditional loader crane
- Has a stability control system that brings safety and fulfils the EN12999 standard



Waste management



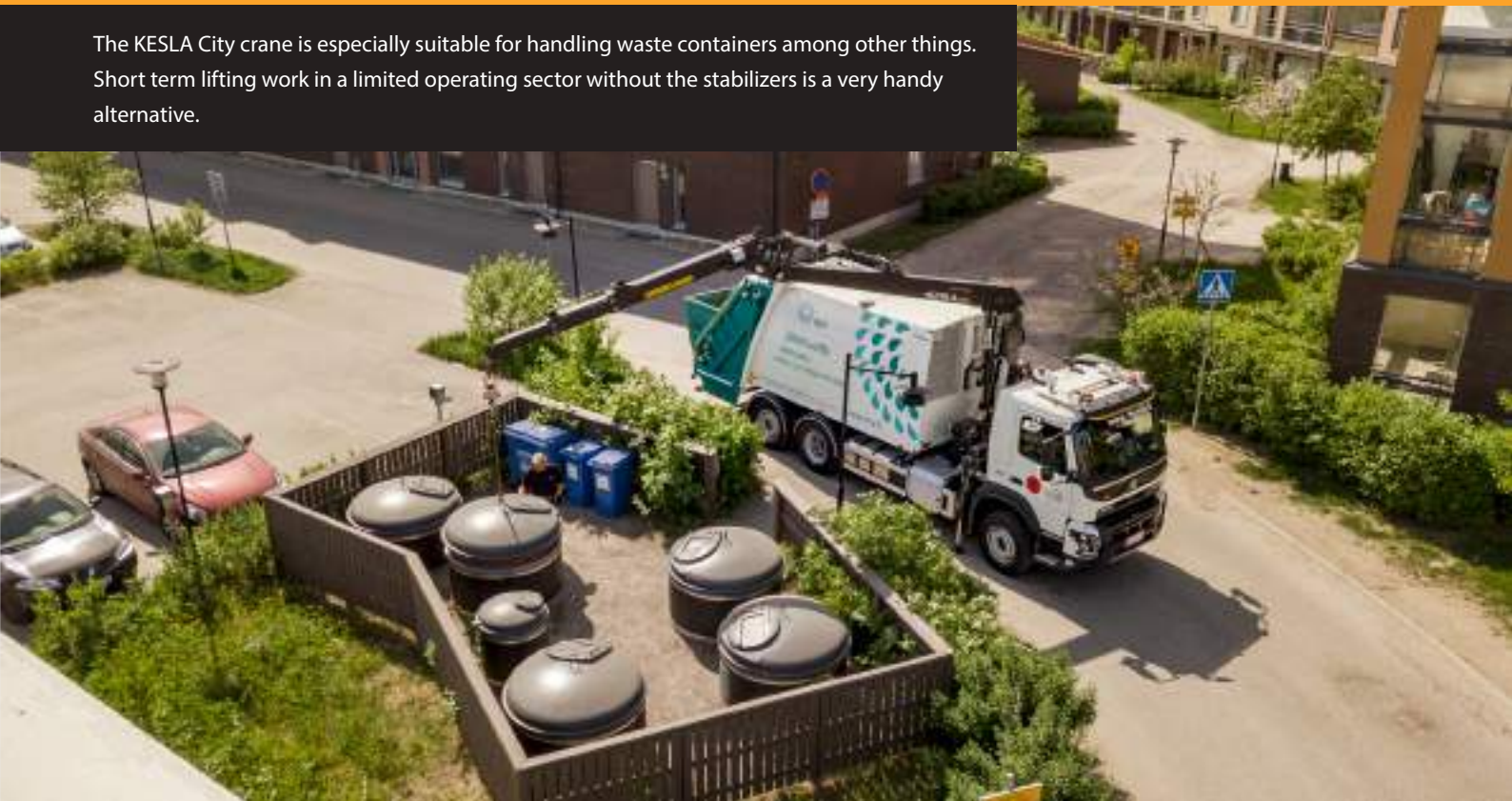
Grapple loader



Recycling



The KESLA City crane is especially suitable for handling waste containers among other things. Short term lifting work in a limited operating sector without the stabilizers is a very handy alternative.



DELIVERY CONTENT OF THE CITY CRANES

- KESLA City crane
- Stability control system KESLA proSTABILITY either with a top seat or cabin with joysticks or Scanreco radio control device.
- Stabilizer leg turning angle 0°/ 60°/90°/180°.
- Stabilizer leg cylinder diameter 100 mm, length 600, 700 or 800 mm with a fixed or inclining base.
- The hose routing in the boom tip with KesLINK and suitable rotator keeps the rotator hoses well protected.
- Centralized, 1-point manual greasing as standard and electric pump available as option.
- Working lights - two LED-lights are available for the main lifting boom and three LED-lights for the top seat equipment.
- Available as 1-circuit or with the LS-system.



MODELS' TECHNICAL DATA

	Lifting torque	Outreach	Extension	Rotating torque	Slewing angle	Work pressure	Weight
Z12 City 81	120 kNm	8 090 mm	1 650 mm	23 kNm	415°	26 MPa	1 900+425 kg
ZT12 City 96	115 kNm	9 575 mm	2 x 1 550 mm	23 kNm	415°	26 MPa	2 010+425 kg
ZT12 City 101	109 kNm	10 110 mm	2 x 1 690 mm	23 kNm	415°	26 MPa	2 040+425 kg
Z14 City 81	139 kNm	8 080 mm	1 650 mm	31 kNm	415°	26 MPa	2 020+425 kg
ZT14 City 96	134 kNm	9 375 mm	2 x 1 450 mm	31 kNm	415°	26 MPa	2 120+425 kg
ZT14 City 101	128 kNm	10 100 mm	2 x 1 690 mm	31 kNm	415°	26 MPa	2 150+425 kg
Z17 City 81	167 kNm	8 080 mm	1 650 mm	31 kNm	415°	26 MPa	2 020+425 kg
ZT17 City 94	162 kNm	9 375 mm	2 x 1 450 mm	31 kNm	415°	26 MPa	2 120+425 kg
ZT17 City 101	156 kNm	10 100 mm	2 x 1 690 mm	31 kNm	415°	26 MPa	2 150+425 kg
12 City 81	128 kNm	8 100 mm	1600 mm	28 kNm	425°	26 MPa	1 790+425 kg
12T City 97	122 kNm	9 710 mm	2 x 1 600 mm	28 kNm	425°	26 MPa	1 890+425 kg
12T City 102	116 kNm	10 210 mm	2 x 1 600 mm	28 kNm	425°	26 MPa	1 930+425 kg
12T City 115	110 kNm	11 510 mm	2 x 2 000 mm	28 kNm	425°	26 MPa	1 990+425 kg
15 City 81	151 kNm	8 100 mm	1 600 mm	28 kNm	425°	26 MPa	1 950+425 kg
15T City 97	145 kNm	9 710 mm	2 x 1 600 mm	28 kNm	425°	26 MPa	2 060+425 kg
15T City 102	139 kNm	10 210 mm	2 x 1 600 mm	28 kNm	425°	26 MPa	2 090+425 kg
17 City 81	172 kNm	8 100 mm	1600 mm	28 kNm	425°	26 MPa	1 950+425 kg
T17 City 97	166 kNm	9 710 mm	2 x 1 600 mm	28 kNm	425°	26 MPa	2 060+425 kg
T17 City 102	161 kNm	10 210 mm	2 x 1 600 mm	28 kNm	425°	26 MPa	2 090+425 kg
Z17-3 City 85*	162 kNm	8 080 mm	1 650 mm	31 kNm	425°	26 MPa	2 940 kg
ZT17-3 City 95*	150 kNm	9 500 mm	2 x 1 530 mm	31 kNm	425°	26 MPa	3 080 kg

* Main boom extension 1 040 mm

EQUIPMENT DESCRIPTION

Polygrap

A City crane can be equipped with a polygrap. It is suitable especially for recycling purposes of different materials.



Calibration points

With these you can define the position (for example transport position) where the crane automatically stops itself.



Tapered roller hook

An adapter set can be installed to the boom tip for lifts with a hook (replacing KesLINK).



Central lubrication system

Manual or automatic lubrication system, which works with all kinds of grease.



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