



**CITY
CRANES**

#yourlifetimematch



www.kesla.com



KESLA PROSTABILITY FOR MUNICIPAL CONDITIONS

Kesla has developed a stability control system for the City cranes, proSTABILITY. The system enables the possibility for radio control of the crane, but it is also available for top seat equipment. 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.



Ground contact of the left stabilizer leg

Ground contact of the right stabilizer leg

Boom above the vehicle's cab

Stability lost (inclination)



Bypass

Load 60 - 100%

Active control of stabilizer legs

Transport position

Stability lost (stabilizer legs)

Turning limit

2115T



KESLA proSTABILITY R

The radio controlled crane is a convenient solution for short but demanding loadings. 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 accuracy.



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 bulk material crane
- Has a stability control system that brings safety and fulfils the EN12999 standard



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.





Metal recycling is one of the most useful applications for the City cranes.



DELIVERY CONTENT OF THE CITY CRANES

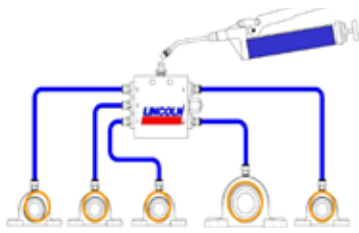
- KESLA City crane
- Stability control system KESLA proSTABILITY either with an open control device or with joysticks or Scanreco radio control device.
- Stabilizer leg turning angle 0°/90°/180°.
- Stabilizer leg cylinder diameter 100 mm, length 600 or 700 mm with a fixed base.
- The grapple hosing protective KesLINK link with the GV12 SA C rotor is available.
- Centralized lubrication with manual greasing as standard and as optional equipment an electric pump.
- Two LED-lights are available for the main lifting boom and three LED-lights for the open control equipment.
- Available as 1-circuit or with the LS-system.



EQUIPMENT DESCRIPTION

Central lubrication system

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



Additional hydraulic line

The City crane has an additional hydraulic line for tools and for the grapple.

Tapered roller hook

There is an adapter set that can be installed instead of the KesLINK link for use with a hook.



Several amount of grapple alternatives

There are several different grapples to combine with the City crane.



Calibration for target points

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



TECHNICAL SPECIFICATIONS FOR CITY CRANE MODELS

	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	1 600 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 CITY102	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	1 600 mm	28 kNm	425°	26 MPa	1 950+425 kg
17T CITY 97	166 kNm	9 710 mm	2 x 1 600 mm	28 kNm	425°	26 MPa	2 060+425 kg
17T CITY 102	161 kNm	10 210 mm	2 x 1 600 mm	28 kNm	425°	26 MPa	2 090+425 kg

CHECK ALSO OUR OTHER PRODUCTS!

INDUSTRIAL, BIOENERGY AND TIMBER CRANES | FOREST MACHINE CRANES |
CHIPPERS | HARVESTER HEADS | TRACTOR ATTACHMENTS | GRAPPLES



Your KESLA dealer:

Kesla Oyj
Tel. +358 207 862 841
www.kesla.com

Head Quarters
Kuurnankatu 24
FI-80100 JOENSUU

Kesälahti plant
Metsolantie 2
FI-59800 KESÄLAHTI

Ilomantsi plant
Teollisuustie 8
FI-82900 ILOMANTSI

Follow us!

