

***Suitable for removing
refuse of all kinds:
KUKA-VARIOPRESS Type 211***

KUKA



***KUKA Environmental
Technology***

komplett entsorgt mit

KUKA

The New One

KUKA-VARIOPRESS Type 211

Hundreds of this type have already been produced and proved excellent in operation.

Suitable for removing refuse of all kinds

Indeed, this KUKA-VARIOPRESS Type 211 is a real refuse gorge. It swallows almost everything: domestic refuse, commercial and industrial waste and even bulky material.

These special features of the KUKA-VARIOPRESS Type 211 make even the manual rear loading a profitable operation, that is when handling all kinds of different bins, bags and bulky refuse. Another asset for this type of collection is the low loading edge with a height of only 1m, a time and force-saving factor.

Additionally, you won't have any difficulties attaching the bin lifters to the KUKA-VARIOPRESS Type 211. It accepts everything from the smallest type of bins to the largest type of containers, up to a size of 5 m³.

Safe and convenient operation

When using a bin-lifter, the loading gear is automatically operated. However, a semi-automatic or individual operation of the loading cycle is possible when loading manually. While discharging the VARIOPRESS, the following functions will be carried out in automatic sequence operation: „DOOR UNLOCKING – DOOR OPENING“ and „DOOR CLOSING – DOOR LOCKING.“



It can load a 1,1 m³ bin every 17 seconds

This is the time of one full working cycle of the loading gear. But, since the speed itself is not the only important factor, the gigantic hopper capacity of 1.3 m³ can be added as another advantage. In practical operation, this means that your crew may have a problem of moving the 1.1 m³-size bins to the truck as fast as it will be able to empty them. If you have larger containers still, this capacity will be to your special benefit.

In spite of this tremendous loading speed and an acting force of appr. 30 tonnes, the degree of wear noticed on the hopper is less than with any other vehicle – a great success of the KUKA engineers. Jamming, a major cause of excessive wear, has now been completely eliminated, even when handling bulky materials.



- 1 Packer plate
- 2 Carrier plate
- 3 Carrier rollers
- 4 Carrier guide
- 5 Hopper
- 6 Hopper loading edge
- 7 Double-acting packer plate cylinder
- 8 Double-acting carrier plate cylinder
- 9 Rear door opening cylinder
- 10 Hydraulic door locks
- 11 Platform for loading personnel
- 12 Manual control
- 13 Ejection plate
- 14 Ejection plate guide
- 15 Manual ejection plate control
- 16 Telescopic ejection cylinder
- 17 Oil tank with filter
- 18 Suction line
- 19 Hydraulic pump with electromagnetic-clutch
- 20 Container with aluminium cover plates
- 21 Loading control valve
- 22 Electronic control box
- 23 Connection to optional bin-lifter

Refuse container constructed in aluminium and steel, inherently stable, rustproof, long operating life.

Working with a pressing force of this kind, it may happen that any conventional type of container may buckle or be pierced by heavy or sharp-edged objects. To avoid this, the side walls, as well as the top of the KUKA-VARIOPRESS

Type 211, have been reinforced by heavy duty aluminium sections riveted to a strong steel frame.

Furthermore, this type of container is rustproof and durable; one of the reasons why maintenance costs are kept to a minimum with the KUKA-VARIO-PRESS Type 211.

Well-balanced distribution of axle load

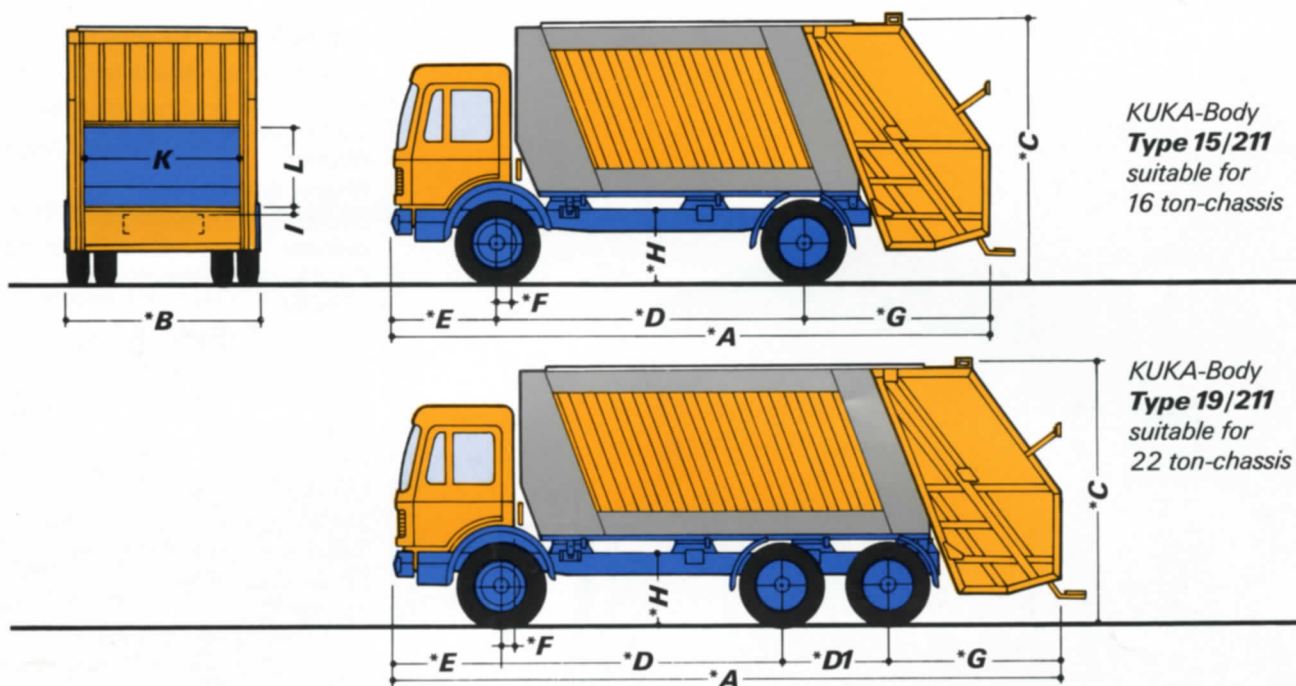
Because the centre of gravity of the loading gear is located near to the rear axle, and compression extends to the front of the container, the KUKA-VARIO-PRESS Type 211 reaches a good weight distribution.

KUKA-VARIOPRESS

Type 211:

Dimensional features

If you want to know more about the various fields of operation in which a KUKA-VARIOPRESS Type 211 has proved excellent in operation, please consult our KUKA specialist by calling him under phone No. (08 21) 79 76 08.



KUKA-Body
Type 15/211
suitable for
16 ton-chassis

KUKA-Body
Type 19/211
suitable for
22 ton-chassis

Type		15/211 (15 m ³)	19/211 (19 m ³)
Working cycle	17 sec		
Hopper capacity	1,3 m ³	*A Length of vehicle, without bin-lifter	7765 mm
		*B Width of vehicle	2470 mm
		*C Height of vehicle, not loaded	3420 mm
		*D Wheel base	3900 mm
		*D1 Twin Axle clearance	-
		*E Front overhang	1360 mm
		*F Depth of driver's cab	210 mm
		*G Overhang	2385 mm
		*H Chassis frame, height, unloaded	1005 mm
		I Height of hopper-edge above chassis frame, without binlift attachment	65 mm
		K Inner width of hopper	2055 mm
		L Height of hopper opening	765 mm
		*Weight of chassis including driver's cab	5215 kp
		Weight of body	5500 kp
		*Dead weight	10715 kp
		*Payload	5180 kp
		*Gross vehicle weight	16000 kp
			8630 mm
			2500 mm
			3510 mm
			3600 mm
			1350 mm
			1360 mm
			210 mm
			2200 mm
			1090 mm
			65 mm
			2055 mm
			765 mm
			6750 kp
			6100 kp
			12850 kp
			9045 kp
			22000 kp

*Specifications above may vary with different chassis makes.

Product line of the KUKA Environmental Technology Division

Refuse-collection trucks
Road sweepers
Special municipal vehicles
Stationary refuse compactors and storage equipment
Pneumatic refuse transportation and vacuum cleaning systems
Kitchen waste disposal equipment
Sludge treatment plants
Composting plants for refuse and sewage

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