

The All-Rounder



Engine

Make: DEUTZ diesel engine  
Model: 2011, oil-air-cooling  
Type: three- / four-cylinder



Drive Unit

Power-controlled, hydrostatic drive unit with maximum power control, i. e. automatic adjustment of traction and speed



Front Axle

Rigid planetary axle with multiple-disc self-locking differential



Rear Axle

Rigid planetary axle with reduction gear unit, with multiple-disc self-locking differential and maintenance-free multiple-disc brake



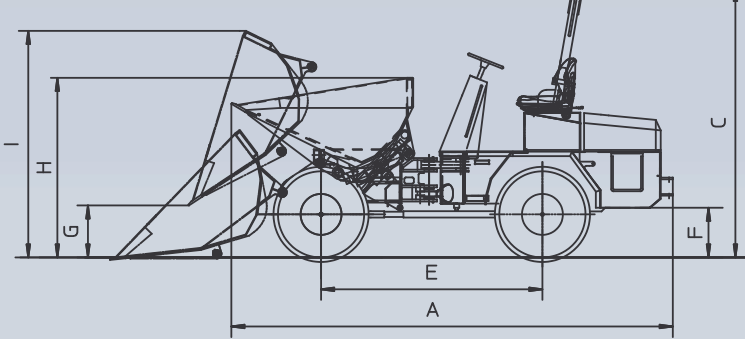
Service Brake

Hydraulic foot-operated brake actuating two oil-immersed multiple-disc brakes acting on all four wheels via the four-wheel drive. The hydrostatic drive acts as wear-free supplementary service brake.

Parking brake acting mechanically on the multiple-disc brake.

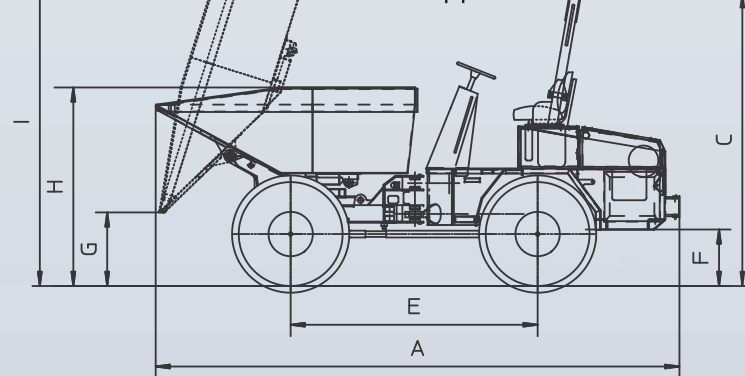
Exhaust gas emission values in accordance with EU standard in force.

Dumper with lowering skip



		SMK 163	SMK 185
A	mm	4250	4190
B	mm	1750	1800
C	mm	2650	2560
E	mm	2100	2100
F	mm	380	470
G	mm	450	450
H	mm	1750	1750
I	mm	2200	2200
	m³	1,9	1,9
	t	3,50	3,65
	KW	31,2	43,1
	"	15,5 / 55 R 18	15,5 / 55 R 18
	°	artic. angle 2 x 40	artic. angle 2 x 40
	litr.	75	75
	km/h	20	25
width	mm	1750	1750

Round tipper



		AKR 153	AKR 185	AKR 205	AKR 242
A	mm	4050	4580	4600	4400
C	mm	2650	2510	2570	2700
E	mm	1845	2050	2165	2100
F	mm	342	430	495	420
G	mm	900	640	720	970
H	mm	1570	1680	1740	1780
I	mm	2760	2730	2900	3000
	m³	1,9	2,2	2,7	3,5
	t	3,65	3,65	5,0	6,0
	KW	31,2	43,1	47,5	52
	"	10,5 18	11,5 / 80x15,3	12,5 18	12,5 18
	°	artic. angle 2 x 40	artic. angle 2 x 40	artic. angle 2 x 40	artic. angle 2 x 40
	litr.	75	75	75	75
	km/h	20	25	25	20
width	mm	1750	1740	1840	1980

... you can benefit from!



We know how to turn it ...



- SMK 163 ■
- SMK 185 ■
- AKR 185 ■
- AKR 205 ■
- AKR 153 ■
- AKR 242 ■

Dumper SMK / AKR



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Your exclusive distributor:

All specifications are to be understood without obligation. The machines comply with the latest European safety directives. We reserve the right to effect technical changes without prior notice!

543756/K3



Construction Machines

**SMK 163**  
... extremely versatile



- excellent off-road mobility due to powerful four-wheel drive and great ground clearance
- high efficiency due to the big transport volume and the self-loading feature

**AKR 185**  
... the plus in power and speed

- rigid planetary axles and limited-slip differentials provide optimum traction
- different tire variants available for any terrain



**AKR 153**  
... a strong all-rounder for heavy operation



- discharging and backfilling into all directions
- compact machine for narrow passages and construction sites
- excellent off-road mobility due to 3-point articulated-pendulum joint and limited-slip differentials in the axles

**SMK 185**  
... more than just a dumper

- the self-loading feature achieves unmatched versatility: loading, transporting, backfilling and levelling
- suited for manifold work in road and pipeline construction, civil and underground engineering, horticulture and landscaping and golf course construction



**AKR 205**  
... volume transporter for very difficult terrain



- the elevated seat provides maximum all-round view
- great power reserves even under full load
- the safety degree provided by the "Downhill-Speed-Control" (DSC) relieves the driver

**AKR 242**  
... the ultimate dumper

- rugged design for operation under adverse conditions
- little influence on traffic by side discharge
- the low positioned bucket can also be filled by smaller excavators or loaders with low dump-height



Extraordinary powerful and productive dumper series SMK due to innovative kinematics in connection with two lifting cylinders.



Extreme manoeuvrability and off-road mobility due to 3-point articulated-pendulum joint.



Optimum maintenance conditions and few downtimes ensured by good accessibility to the drive unit and to the hydraulic components.



Extraordinary durability of the dumpers guaranteed by the heavy-duty rotary joint equipped with two double-acting swivel cylinders.



Excellent operating comfort is granted by the splash-proof control stand due to the ergonomic arrangement of the control and operating elements.



High degree of operating safety is achieved by DSC, which protects the dumpers from exceeding the permissible speed in downhill runs.



Low vehicle height is achieved by the movable safety guard (e.g. in underground car parks).