ARTICULATED DUMPER



DX

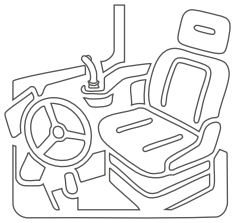
DUMPER DX

The Dumper DX range represents a compact and versatile solution for transportation on modern construction sites. Designed to ensure agility, high performance, and maximum safety, it combines compact dimensions with significant load capacity, making it ideal for operating in tight spaces or on challenging terrain. Thanks to the front steering and articulated joint, DX models provide excellent visibility even in the most demanding working conditions. Available in electric or hydrostatic transmission versions, the range offers flexible solutions for every construction site requirement, with particular attention to operator safety and comfort.



SAFE START, INSTANT CONTROLS

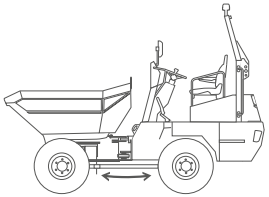
The seat belt monitoring system, which enables machine start, prevents the engine from starting if the operator is not wearing the seat belt, signaling the issue with a visual warning. Supporting this, the color display, digital dashboard, diagnostic encoder, and control lever for the distributor ensure smooth and safe vehicle operation.





ARTICULATED STEERING

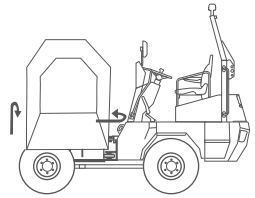
The DX range dumpers feature an articulated frame with central steering, providing excellent maneuverability. The oscillating joint ensures stability and consistent traction even on uneven terrain, allowing precise control of the machine even when fully loaded.





THREE-WAY 180° DUMP

Equipped with a standard 180° dump body operated by a piston hydraulic system, these dumpers ensure precision, speed, and agility in unloading operations. Combined with the machine's excellent maneuverability, this solution delivers high productivity, allowing materials to be deposited anywhere on the construction site with maximum efficiency.





ENGINE HOOD WITHIN EASY REACH:

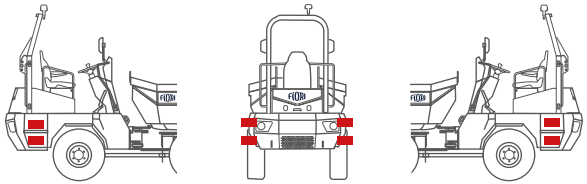
FAST AND EFFORTLESS MAINTENANCE

The powertrain is positioned to allow direct and easy access for maintenance. The dumper's double rear hood enables quick, unobstructed, and fully ergonomic service operations.

The seat can be easily lifted, providing immediate access to components not reachable from the front hood, facilitating maintenance and reducing machine downtime.

Both hoods can be opened simultaneously, providing full access to the engine compartment.

The DX range has been designed with special attention to major maintenance. Exterior body parts, such as bumpers and fenders, have been engineered for easy removal, allowing quick and direct access to all machine components.



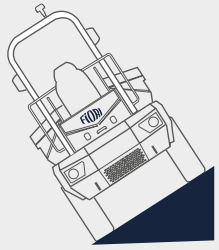
SAFE REAR ACCESS

Our dumpers are equipped with highly visible red steps positioned at the ends of the vehicle to ensure safe and easy access. Operators can climb on and off from either side, making access easier even when the machine is steered. Avoiding entry or exit from the center of the vehicle significantly reduces the risk of accidents.



TILT UNDER CONTROL

The electronic tilt monitoring system detects when the machine is in an inclined position, promptly alerting the operator with visual signals. The inclinometer communicates in real time with the control unit, analyzing the ground angle and ensuring unloading operations are always carried out under maximum safety conditions.





UPHILL STABILITY WITH HILL HOLD

The integrated Hill-Hold function prevents the machine from moving when the accelerator is released, providing constant safety even on steep slopes or uneven terrain. This system reduces the risk of unintended movement and allows the operator to handle the machine with greater confidence during maneuvers. In addition, the spring-applied parking brake with accumulator engages automatically when the engine is stopped.

TOW HOOK (OPTIONAL)

The dumpers can be equipped with a robust and reliable tow hook, designed to facilitate the transport of additional equipment and materials on the construction site. The adjustable hook adapts to different types of trailers, ensuring maximum operational versatility. The 13-pin electrical connector guarantees proper operation of lights, signals, and other electrical devices on trailers and towed equipment.





INTEGRATED CAMERA WITH DISPLAY

The dumpers come standard with a camera mounted under the body, transmitting images directly to a color display with IP69K protection. The 7" TFT LCD monitor ensures excellent visibility in any lighting condition. Real-time viewing allows the operator to quickly spot obstacles in blind spots. On request, a second rear camera can be added to provide full coverage even when reversing. This solution is particularly useful in tight spaces or busy work areas, enhancing vehicle control, reducing the risk of collisions, and protecting people and equipment.

DUMPER DX

The foldable ROPS protection facilitates transport and protects the operator in the event of a rollover, ensuring safety and stability.

The red handles make getting on and off easier, act as armrests, and improve safety. Those on the steering side protect the operator at the center of the machine.

Protective Grid: The DX range can be equipped with a foldable grid on the body for additional operator protection.





STANDARD RUNNING LIGHTS

All models in the DX range come standard with running lights, designed to ensure maximum visibility and operational safety in any working condition. This standard feature enhances the machine's visibility on the construction site, helping to reduce risks and improve safety for both the operator and personnel in the surrounding areas. Reliability and attention to detail underscore the DX range's commitment to high standards of safety and functionality.

DUMPER DX

TOWARDS A SUSTAINABLE FUTURE

EFFICIENT

SAFE



QUIET

ECONOMICAL

HYDROSTATIC TRANSMISSION

Hydrostatic dumpers are synonymous with robustness and reliability, perfect for those seeking power and autonomy without worrying about electric recharges. They are equipped with high-performance diesel engines paired with powerful and safe full hydrostatic drive, ideal for tackling any type of construction site.

POWER PLUS HYDROSTATIC TRANSMISSION

Need extra power for extreme applications? No problem: these dumpers can be equipped with even more powerful diesel engines, delivering significantly higher output compared to the standard versions.

ELECTRIC TRANSMISSION

Quiet, powerful, and zero-emission, battery-powered electric dumpers are ideal for those seeking efficiency and sustainability on the construction site. They offer a full day of autonomy and can be configured with additional batteries to handle even the most demanding applications. Maintenance is minimal, and regenerative braking recovers energy, improving efficiency and reducing wear. A perfect solution for urban construction and zero-emission areas.

PRELIMINARY

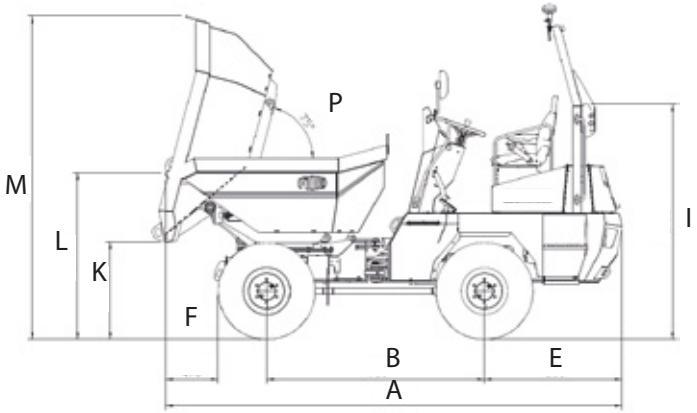
		DX 30	DX 30 BEV	DX 35	DX 35 BEV	DX 45	DX 45 P+	DX 55	DX 55 BEV
Pay load	kg	3.000		3.500		4.500		5.500	
Model		Articulated							
Driver seat		Front							
Operator protection		ROPS Bar							
Type of dump		180° Rotation							
Transmission group		Hydrostatic	Electric	Hydrostatic	Electric	Hydrostatic	Hydrostatic	Hydrostatic	Electric
Motor (ICE)	kW	17.8/18.9*	-	36	36	36	50	50	-
Electric motor (Continuous/Peak)	kW	-	14/31	-	14/31	-	-	-	25/39
Battery (nominal) Std/Opt	kWh	-	23,6	-	35,4	-	-	-	47,2
Voltage	V	-	51,2	-	51,2	-	-	-	102.4
Onboard charger	kW	-	3,0	-	3,0	-	-	-	9,0
Empty weight	kg	2.670	2.780	2.810	2.930	-	3.660	3.780	-
Heaped capacity	l	1.390		1.600	1.600	2.080		2.440	
SAE heaped capacity	l	1.760		2.040	2.040	2.700		3.000	
Standard tires		11.5/80-15.3				12.5-18			
Maximum speed	km/h	20		25	20	25			

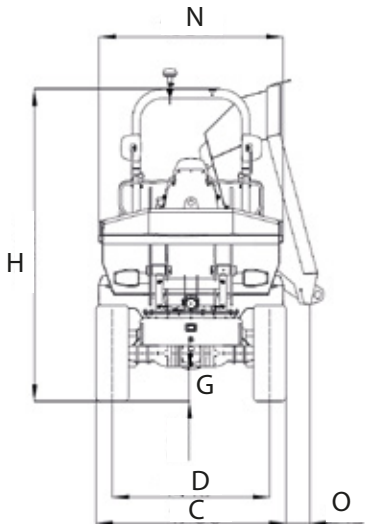
*Depending on the emission class

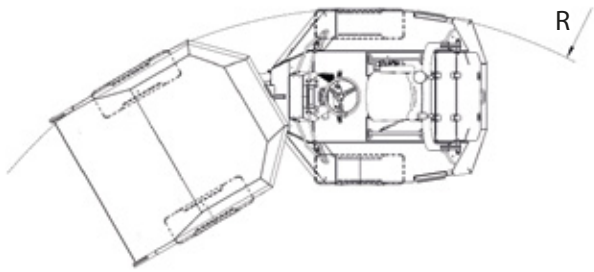
OPTIONAL

Road lights		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Tow hook		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Protective grid on the body		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Turf wheel kit		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Front camera kit		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Rear camera kit		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙

○ OPTIONAL ● STANDARD







DIMENSIONS

			DX 30	DX 30 BEV	DX 35	DX 35 BEV	DX 45	DX 45 P+	DX 55	DX 55 BEV
A	Overall Length	mm	4.100		4.165		4.751			
B	Wheelbase	mm	1.950				2.350			
C	Vehicle Width	mm	1.700				1.880			
D	Wheel Center to Wheel Center	mm	1.410				1.530			
E	Overhang	mm	1.235				1.355			
F	Dumping Distance	mm	470		545		565			
G	Ground Clearance	mm	285				319			
H	Overall Height (ROPS)	mm	2.800				3.030			
I	Folded ROPS Height	mm	2.085				2.300			
K	Maximum Dump Height	mm	870		815		1.160			
L	Dump Body Height	mm	1.490		1.580		1.733			
M	Height of Dump Body (Tilted)	mm	2.895		2.915		3.564		3.590	
N	Dump Body Width	mm	1.650				1.880			
O	Side Dump Width	mm	215		285		400			
P	Maximum Dump Angle	°	75°							
R	External Turning Radius	mm	4.490				4.950			