REVERSIBLE DUMPER



DF

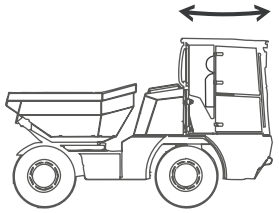
DUMPER DF

The DF range dumpers represent the evolution of transport on construction sites, combining high performance, advanced technology, and environmental awareness. Designed for intensive use, they ensure efficiency even over long distances and in demanding operating conditions. The enclosed cab with large glazed surfaces provides protection and a high level of comfort for the operator. Available with hydrostatic, full-electric, or hybrid transmission, the DF range dumpers offer a complete lineup to meet every operational need and the sustainability challenges of modern construction sites.



DRIVING REVERSIBILITY

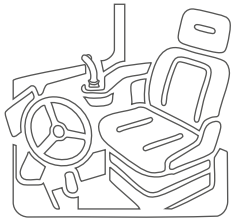
The swiveling operator's seat inside the cab ensures optimal visibility at every stage of operation, both during work and transport. By allowing the operator to easily change driving direction, it improves control and awareness of the surroundings. This helps reduce the risk of accidents, ensuring excellent visibility even when the skip is fully loaded. The DF range dumpers are designed with operator safety as a top priority.





MODERN AND ERGONOMIC CAB

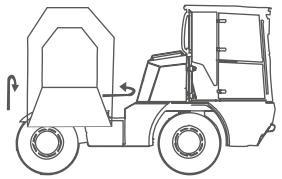
Heating and optional air conditioning ensure an ideal working environment in any season, while sound insulation and a Bluetooth radio provide a pleasant driving experience. The color display, intuitive joystick, and rotary selector guarantee smooth and technologically advanced operation. The optional air-suspended seat further enhances operator comfort, taking it to the next level.





180° THREE-WAY DUMPING

The DF range dumpers enable 180° unloading thanks to a hydro-mechanical system with a toothed slew ring and double lift cylinder, ensuring precision, speed, and operational safety. This solution, combined with the high maneuverability provided by four-wheel steering, allows operators to work with maximum efficiency, making it easy to unload materials anywhere on the construction site.



DUMPER DF

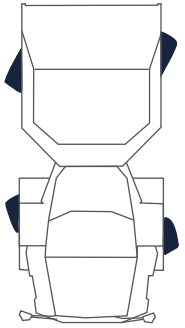
EASILY ACCESSIBLE ENGINE HOOD: QUICK AND EFFORTLESS MAINTENANCE



The powertrain is positioned to provide easy and direct access for maintenance, allowing operators to work comfortably and efficiently during all service activities. A side step further aids the operator in reaching the engine compartment. Its placement between the cab and the skip keeps the operator out of the excavator's working range during loading, enhancing safety and reducing the risk of collisions with the cab.

4WS DUMPER: MAXIMUM MANEUVERABILITY

The DF range dumpers are equipped with four-wheel steering, offering a tighter turning radius compared to articulated vehicles. Thanks to three steering modes, the DF series dumpers provide maximum maneuverability even in the tightest spaces. Additionally, the 4WS system helps prevent the "wheel drag" effect common in articulated dumpers, reducing tire wear and improving efficiency.



2WS DUMPER: STABILITY DURING TRANSPORT

The 2WS mode, used for transport, ensures safe and stable driving even at high speeds, providing precise directional control and full command of the vehicle.

ALL-WHEEL STEERING

- Minimum turning radius thanks to dual steering on both the front and rear axles
- Maximum efficiency with reduced maneuvering on the construction site

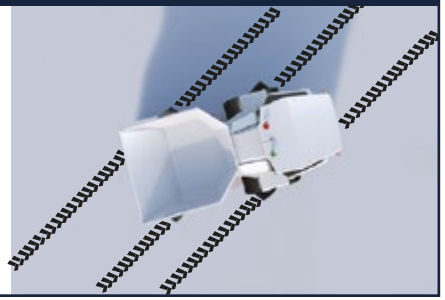
Articulated Steering

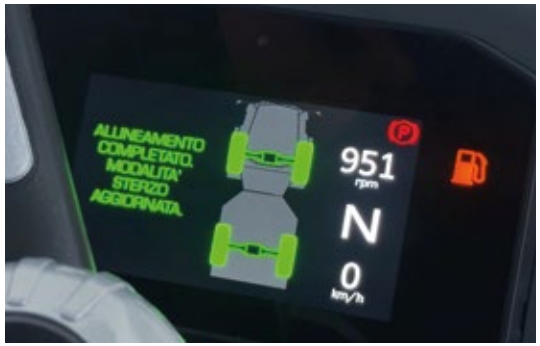
Full-Wheel Steering



CRAB STEERING

- Ideal for parallel unloading along curbs, sidewalks, and walls
- Reduces maneuvering in crowded construction sites
- Perfect for approaching obstacles safely and with precision



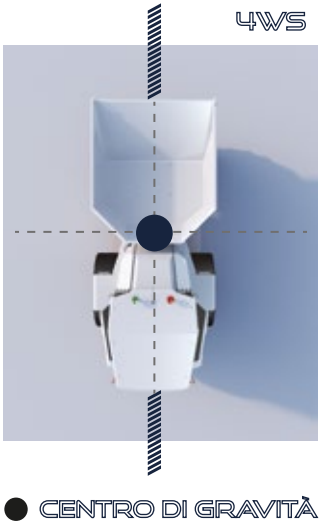


PERFECTLY ALIGNED WHEELS

To ensure optimal wheel alignment, the driver is assisted through the main display.
A wheel diagram appears on the monitor and turns green as soon as the alignment is correct, allowing the operator to confidently select the desired steering mode without having to visually check the position of the wheels on the two different axles.

RIGID FRAME FOR MAXIMUM GRIP

The replacement of the traditional central articulation joint with a rigid frame equipped with a front oscillating axle allows the center of gravity to remain exactly in the middle of the machine, ensuring superior stability in all working conditions.
This solution reduces the risk of instability, improves control during maneuvers, and guarantees consistent performance even on uneven terrain or steep slopes.





UPHILL STABILITY WITH HILL HOLD FUNCTION

The integrated Hill-Hold function prevents the machine from moving when the accelerator is released, ensuring safety even on slopes or uneven terrain. It reduces unintended movement and facilitates maneuvering, increasing overall vehicle control. The spring-applied parking brake automatically engages when the engine is switched off. It can also be operated manually and electro-hydraulically via the lever switch.

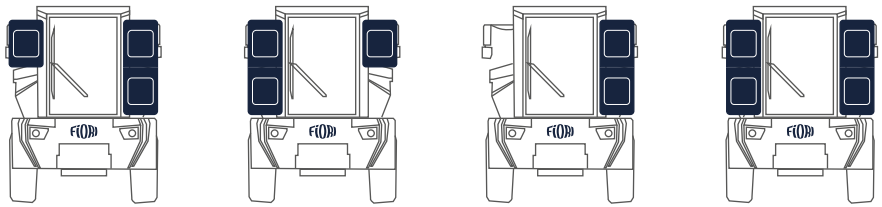
DUMPER DF

ROPS / FOPS Level II cab:
Ensures operator safety in the event of rollover or falling objects.

Enhanced safety: always a clear view of the working area in front of the machine during transport, loading, and unloading operations.

Increased productivity: operate safely and precisely even in confined spaces, eliminating time loss and reducing fuel consumption during maneuvering.



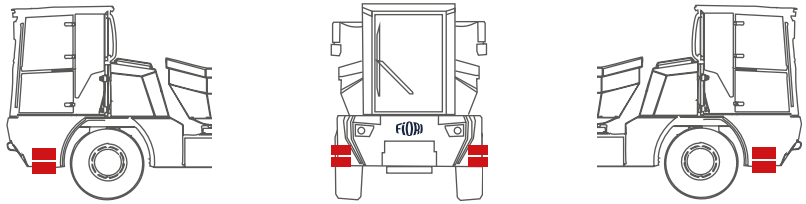


CUSTOM OPENING

Our cab dumpers are designed to offer you maximum comfort in all conditions. Thanks to the doors equipped with separate upper windows, lockable on both sides of the vehicle, you can partially open the cab in total freedom. An intelligent solution to best manage ventilation, visibility and safety.

FRONT AND SAFE ACCESS

The dumpers are equipped with clearly visible red steps for quick and safe access. Thanks to the entrances available on both sides and front, getting in and out remains simple in every situation.



TOWARDS A SUSTAINABLE FUTURE

EFFICIENT

SAFE



SILENT

ECONOMIC

HYDROSTATIC POWER PLUS TRANSMISSION

The dumpers in the DF hydrostatic range are reliable and robust, ideal for those looking for power and autonomy without having to worry about recharging. They are equipped with high-performance diesel engines and can be equipped, upon request, with the Power Plus system, which offers additional thrust in moments of greatest need, improving efficiency and productivity.

HYBRID TRANSMISSION

The dumpers in the DF REV range are equipped with full-electric transmission to guarantee efficiency, silence and lower maintenance costs. A compact internal combustion engine, which can be used as a range-extender or booster, ensures high performance and maximum versatility.
The engine always works at the optimal speed and does not require after-treatment systems, offering superior efficiency to traditional dumpers. It is also possible to operate in fully electric mode, ideal for urban contexts and indoor construction sites. One of a kind, the DF REV range combines flexibility, low consumption and optimized TCO, representing a concrete solution for the energy transition on construction sites.

ELECTRIC TRANSMISSION

Silent, powerful and zero emissions, the dumpers of the electric DF range are the ideal solution for those seeking efficiency and sustainability.
The high-capacity batteries ensure adequate autonomy for an entire working day, while the on-board charger allows quick recharges directly from the construction site network, guaranteeing operational continuity.
Reduced maintenance and regenerative braking improve overall efficiency and limit wear on the braking system.
Ideal for urban construction, noise-sensitive construction sites and low or zero emission areas.

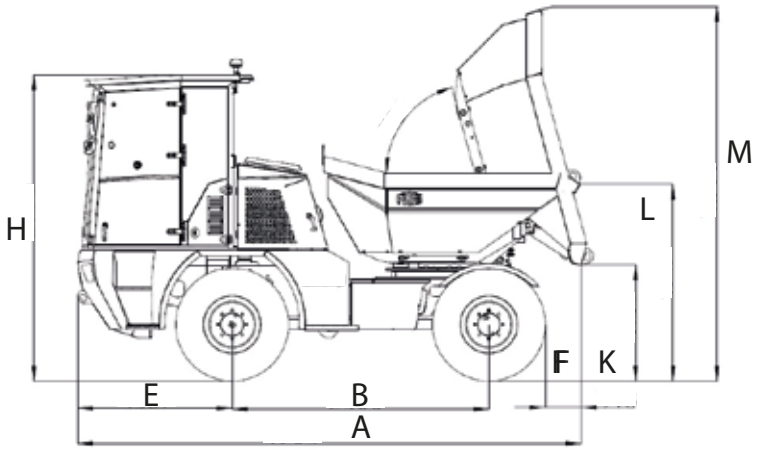
PRELIMINARY

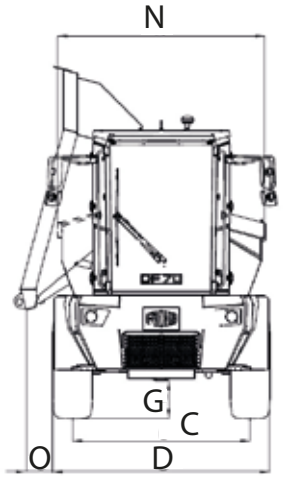
		DF 70	DF 70 REV	DF 70 BEV	DF 90	DF 90 REV	DF 90 BEV	DF 90 P+	DF 120
Pay load	kg	7.000			9.000				12.000
Model		4 WS							
Driver seat		Reversible guide							
Operator protection		ROPS / FOPS Cabin II level							
Type of dump		180° Rotation							
Transmission group		Hydrostatic	Hybrid	Electric	Hydrostatic	Hybrid	Electric	Hydrostatic	Hydrostatic
Motor (ICE)	kW	55	18	-	55	25	-	90	100
Electric motor (Continuous/Peak)	kW	-	25/39		-	33/68		-	-
Battery (nominal) Std/Opt	kWh	-	23,6	70,8	-	47,2	94,4	-	-
Voltage	V	-	102,4		-	102,4		-	-
Onboard charger	kW	-	3,0	9,0	-	9,0		-	-
Empty weight	kg	5.460	5.280	5.480	5.750	5.950	6.100	5.850	6.500
Heaped capacity	l	2.710			3.560				5.000
SAE heaped capacity	l	3.530			4.600				6.300
Standard tires		405/70-20			18-19.5				500/60 R22.5
Maximum speed	km/h	25			25/27	25			30

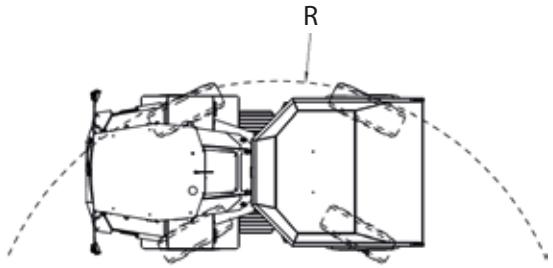
OPTIONALS

Bluetooth radio		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Road lights		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Additional work lights		⊙	⊙	⊙	⊙	⊙	⊙	⊙	○
Air conditioning		⊙	⊙	⊙	⊙	⊙	⊙	⊙	○
Pneumatic seat		⊙	⊙	⊙	⊙	⊙	⊙	⊙	○
Tow hook		⊙	⊙	⊙	⊙	⊙	⊙	⊙	○
Protective grid on the body		⊙	⊙	⊙	⊙	⊙	⊙	⊙	○
Glass protection grid		⊙	⊙	⊙	⊙	⊙	⊙	⊙	○
Turf wheel kit		⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙
Front camera kit		○	○	○	○	○	○	○	○

○ OPTIONAL ● STANDARD







DIMENSIONS		DF 70	DF 70 REV	DF 70 BEV	DF 90	DF 90 REV	DF 90 BEV	DF 90 P+	DF 120
A Overall Length	mm	4.905			5.132				5.582
B Wheelbase	mm	2.500			2.830				3.050
C Vehicle Width	mm	2.240			2.430				2.513
D Wheel Center to Wheel Center	mm	1.830			1.968				2.010
E Overhang	mm	1.505			1.507				1.599
F Dumping Distance	mm	348			309				392
G Ground Clearance	mm	374							380
H Overall Height (ROPS)	mm	2.980			2.995				2.994
I Folded ROPS Height	mm	-							-
K Maximum Dump Height	mm	1.084			1.050				1.050
L Dump Body Height	mm	1.834			2.143				2.230
M Height of Dump Body (Tilted)	mm	3.644			3.865				4.297
N Dump Body Width	mm	2.140			2.135				2.390
O Side Dump Width	mm	278			450				
P Maximum Dump Angle	°	75°							70°
R External Turning Radius	mm	4.334			4.495				4.735