

A Z I M U T

► TECHNICAL SPECIFICATION



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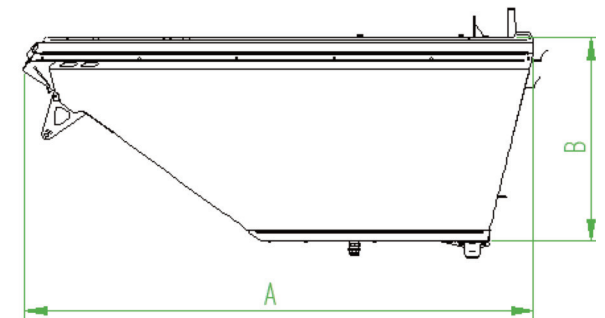
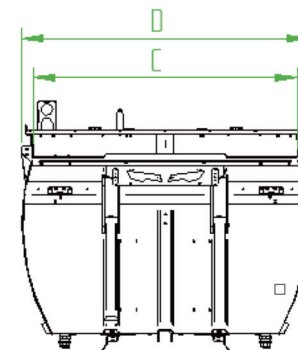
Compact, but BIG on quality & features...

Compaction system

The compaction system consists of a hydraulically operated articulated single-blade. The carriage is actuated by a pair of double-acting cylinders, with alternating rectilinear movement on guides outside the body to avoid contact with the waste. The blade, hinged to the carriage, is actuated by a second pair of double-acting cylinders, with alternating rotary movement.

Bin lift system

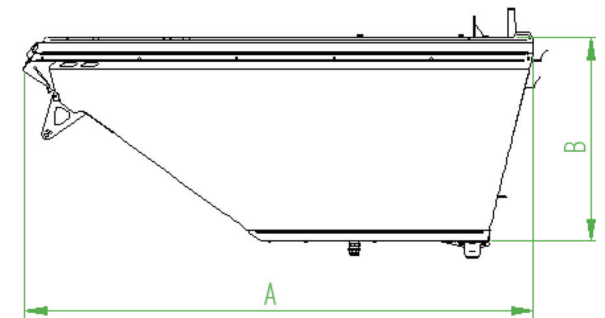
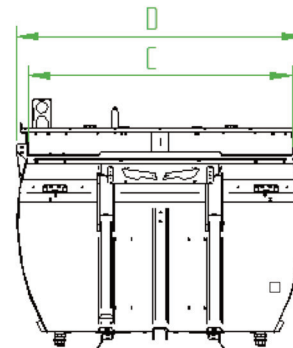
The bin lift is of the "double rotation" type. To avoid the spillage of slurry, the bin is first hooked, then raised and finally rotated to empty the waste inside the body of the equipment. The speed of the cycle can be optimised by means of the proportional distributor to enable smooth operation of the equipment.



AZIMUT range	5/5G*	6/6G*	8	10
▶ Body capacity [m3] approx.	4,8	5,5	8	10
▶ Body length A [mm]	3,270	3,270	4000	4100
▶ External body height B [mm]	1300	1300	1430	1580
▶ Internal body width C [mm]	1520	1710	1710	1830
▶ External body width D [mm]	1700	1870	1910	2070
▶ Body tipping angle	80°	80°	80°	80°

materials / cycle table

	Particular indications	Material	5G	6	8	10
TANK	Side walls	Alu 5754 (Azimut 5G) S 235 JR	3	2	2	2
	Bottom sheet metal	Alu 5754 (Azimut 5G) S 235 JR	4	3	3	3
	Upper sheet metal [Roof]	Alu 5754 (Azimut 5G) S 235 JR	3	2	2	2
	Chute sheet metal	Alu 5754 (Azimut 5G) S 235 JR	4	3	3	3
	Rear cab sheet metal	Alu 5754 (Azimut 5G) S 235 JR	3	2	2	2
	Compacting guides	STRENX 700	5	5	5	6
SLIDE	Base sheet metal	S 255 JR	2	2	2	2
	Side sheet metal	STRENX 700	6	6	6	6
BLADE	Base sheet metal	S 255 JR HARDOX 450 (Azimut 10)	3	3	3	3
	Side sheet metal	STRENX 700	6	6	8	8
SUB-FRAME	Side rail	STRENX 700	3	3	6	6
	Comb	Ascent [s]	2	2	2	2
BIN-LIFT-TIP		Descent [s]	1	1	1	1
	Lifting lever	Ascent [s]	6	6	6	6
		Descent [s]	4	4	4	4
	Tipping	Forward [s]	4	4	4	4
		Backward [s]	3	3	3	3
	Ascent/descent cycle	Ascent [s]	12	12	12	12
		Descent [s]	8	8	8	8
	Complete cycle	[s]	20	20	20	20
	Slide	Forward [s]	6	6	6	6
		Backward [s]	8	8	8	5
COMPACTING	Blade	Open [s]	4	4	6	8
		Closed [s]	5	5	5	5
	Complete cycle	[s]	23	23	24	24
Body	Ascent [s]	15	15	35	52	
	Descent [s]	31	31	40	42	
Stabilisers	Ascent [s]	4	4	4	4	
	Descent [s]	6	6	6	6	
Body + stabilisers	Ascent [s]	21	21	41	58	
	Descent [s]	35	35	44	46	
Complete body cycle	[s]	56	56	85	104	



EQUIPMENT & features...

Compaction automatic repositioning

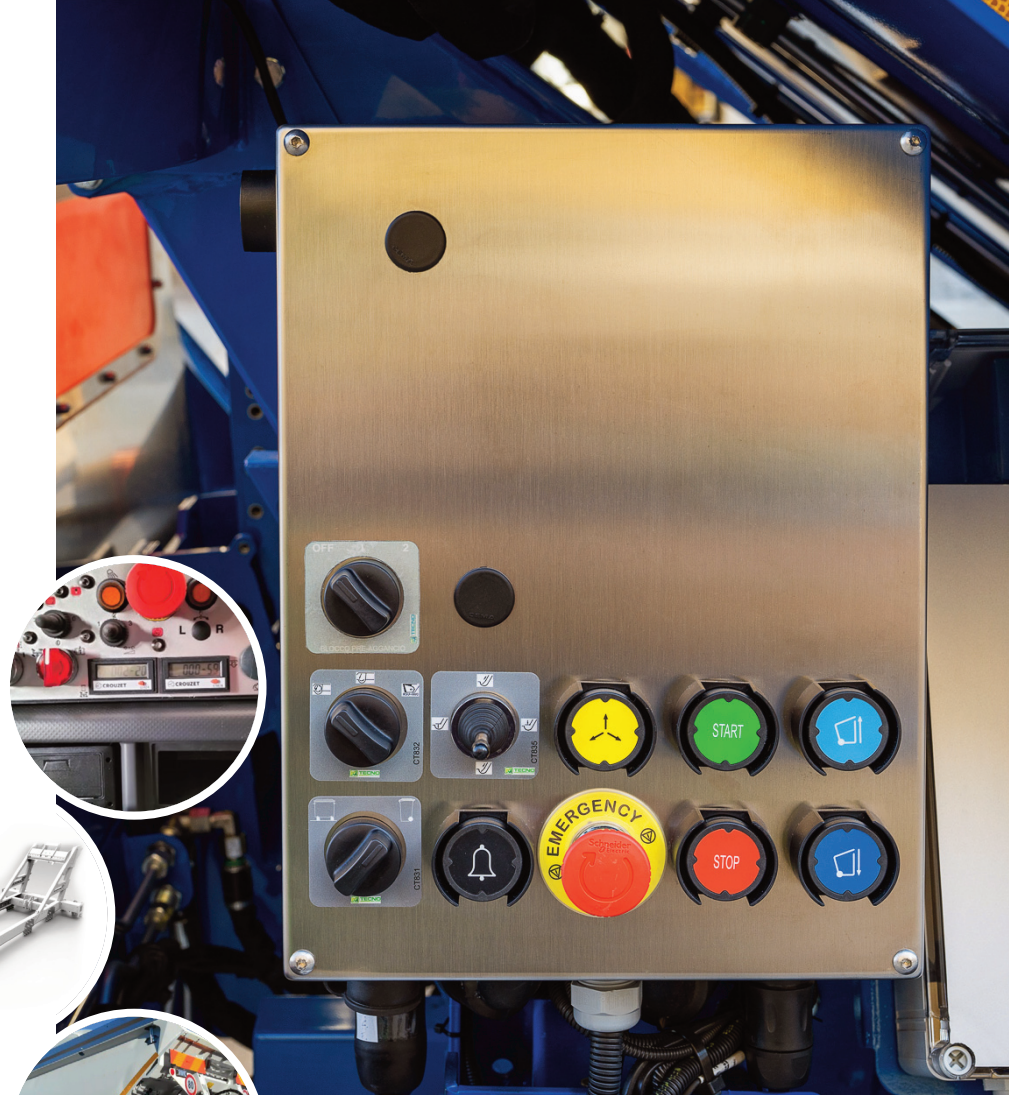
Using a selector located on the control panel in the cab, it is possible to activate the automatic repositioning function of the blade and carriage when the power take-off is activated. This allows time savings for the operator.

Subframe

A suitably dimensioned elastic connection at the front and on both sides allows the absorption of the torsional stresses of the equipment in all conditions.

Painting process

The painting cycle allows to protect the parts making them suitable for work in harsh conditions due to the aggression of chemical agents. The painting is performed with powder with a final thickness of over 100 microns.



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standard equipment

- ▶ 1 orange LED flashing beacon
- ▶ 1 LED work light for night-time collection
- ▶ Hoses equipped with technical burst-proof sleeve
- ▶ Power take-off with engine rpm control and ecological accelerator
- ▶ STOP button on each control panel
- ▶ 7" monitor with infra-red rear view camera
- ▶ Brush & shovel holder
- ▶ Slurry discharge pre-arrangement on body with 2" valve
- ▶ 1 yellow safety strut for maintenance with body raised (2 for Azimut 10)
- ▶ Shaker function for bin-lift-tip
- ▶ 2 stabilizer cylinders with automatic sequence with the movement of the body
- ▶ Automatic single / continuous / or synchronized compaction cycle or manual
- ▶ "Inverse" compaction cycle to facilitate the discharge of waste with body raised
- ▶ "Dead man" type push-buttons with coincidence logic for safety
- ▶ 1 double-acting cylinder for body lifting (2 for Azimut 10)
- ▶ Control panel lighting to help night-time collection
- ▶ Hydraulic oil level with integrated thermometer

optional hybrid kit

▶ System voltage	24V
▶ Type of batteries	Lithium
▶ Battery technology	LiFePO4
▶ Battery capacity	100Ah
▶ Battery energy	2,4 KWh
▶ Engine power	5,5 KW
▶ System weight	approx. 90Kg
▶ Full charging time (0% to 100%)	6h
▶ Partial charging time (20% to 80%)	3h30'
▶ Charger with 5m cable	Optional

optional equipment

- ▶ BIN LIFT-TIP + COMB
- ▶ BIN LIFT-TIP + COMB + DIN 1100
- ▶ BIN LIFT-TIP + COMB + DIN 1100 + DIN 1700
- ▶ 300 litre aluminium load assist system integral with the Bin Lift-Tip + LED light cluster repetition
- ▶ Pneumatic tilting cover opening/anti-roll device for bins from 660 litres to 1100 litres
- ▶ Removable push-button panel with 1.5 m cable for Bin Lift-Tip control
- ▶ Removable push-button panel with 3 m cable for body control
- ▶ Manual pump kit for equipment handling in case of failure
- ▶ Soft or self-adjusting acoustic signal kit
- ▶ Rear operator platform/platforms
- ▶ Beacon guards
- ▶ Stabilising rollers
- ▶ Biodegradable oil kit
- ▶ Load cell kit
- ▶ Additional flashing light
- ▶ Additional work light
- ▶ Fire extinguisher box with transparent lid
- ▶ Plastic tool carrier box
- ▶ Rear buffers for coupling with the mother vehicle
- ▶ Splinter guard protection kit in the control area
- ▶ "Hybrid" kit for electrification of equipment and allowing all electrical movements*
- ▶ Type-approval registered in the vehicle registration document for circulation with
- ▶ 120 litre bin hanging from the Bin Lift-Tip
- ▶ Side doors with compaction block safety sensor when opened





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