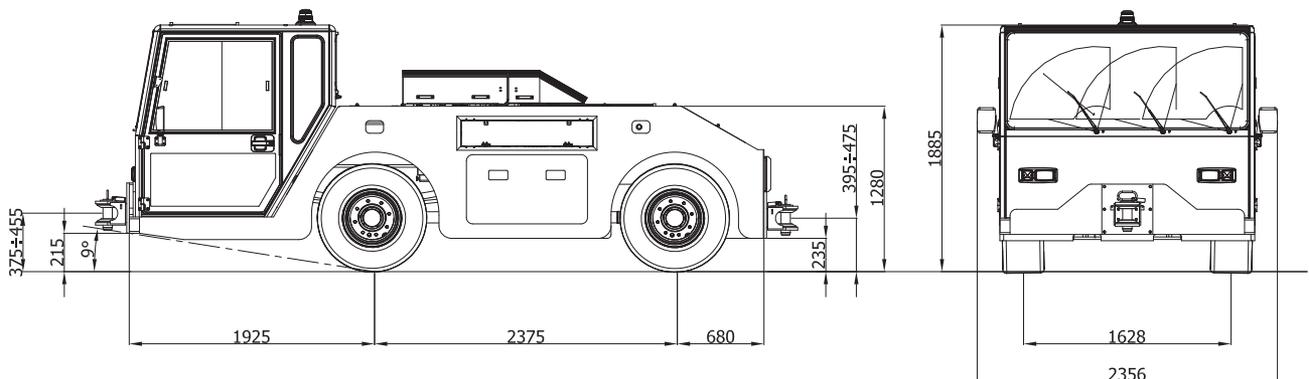
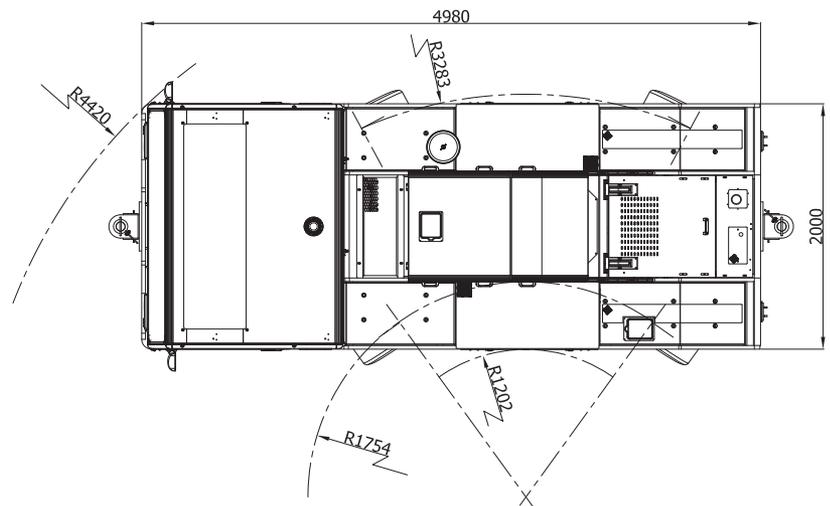


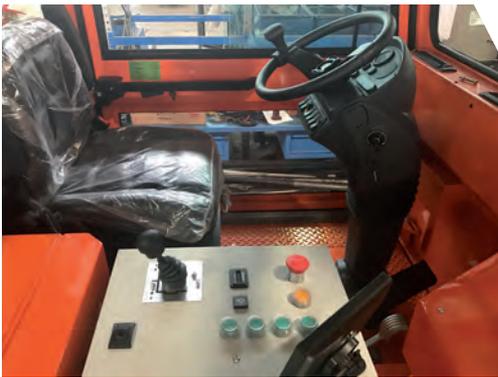


ZAC100 E

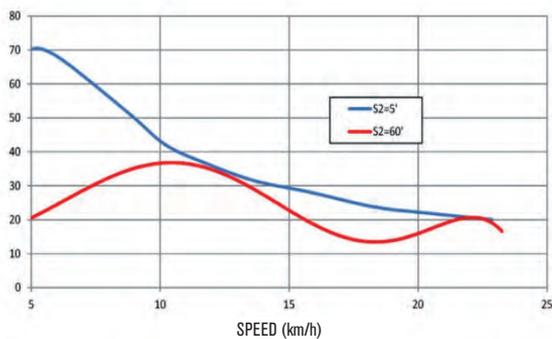
- Full electric push-back for CAT II Aircraft
- Lithium Battery with super fast recharge speed, 30 min – 50%



ZAC100 E



AVAILABLE MAX POWER (kW)



CHARACTERISTICS

1.1	MANUFACTURER			ATA SRL
1.2	MANUFACTURER'S MODEL DESIGNATION			ZAC100E
1.3	DRIVE			ELECTRIC WITH REGEN. BRAKE
1.4	OPERATION			RIDER SEATED
1.5	LOAD CAPACITY (ON-PLATFORM LOAD)	Q	KG	100
1.7	RATED DRAWBAR PULL	F	N	40000
	ADMISSIBLE TRAILER LOAD DRY-ROAD/WHEEL FRICTION COEFFICIENT: ≈0.8 ROLLING RESISTANCE ON LEVEL SURFACE R=200 N/T		KG	200000
1.9	WHEELBASE	Y	MM	2375

WEIGHT

2.1	SERVICE WEIGHT (INCLUDING BATTERY)		KG	12000
2.2	AXLE LOADING, UNLADEN FRONT		KG	6000
2.3	AXLE LOADING, UNLADEN REAR		KG	6000

TYRES/CHASSIS

3.1	TYRES			PNEUMATIC / SOLID
3.2	TYRE SIZE - FRONT			300-15"
3.3	TYRE SIZE - REAR			300-15"
3.5	NUMBER OF WHEELS			
	(front/rear, X=drive, Y= steer)		2XY / 2XY	
3.6	TREAD, FRONT (TRACK)	B10	MM	1628
3.7	TREAD, REAR (TRACK)	B11	MM	1628
3.8	SUSPENSION/DAMPING (FRONT/REAR)			LEAF SPRINGS/ RIGID SUPPORT
3.9	WHEELS BRAKED SERVICE BRAKE, NUMBER			4
3.10	WHEELS BRAKED PARKING BRAKE, NUMBER			4

DIMENSIONS

4.7	HEIGHT OF OVERHEAD GUARD	H6	MM	1885
4.8	STAND HEIGHT, LOWERED	H7	MM	760
4.12	COUPLING HEIGHT	H10	MM	395-475
4.13	LOADING HEIGHT, UNLADEN (PLATFORM HEIGHT)	H11	MM	1280
4.16	LENGTH OF LOADING SURFACE (PLATFORM)	L3	MM	2650
4.17	OVERHANG	L5	MM	680
4.18	WIDTH OF LOADING SURFACE (PLATFORM)	B9	MM	2000
4.19	OVERALL LENGTH	L1	MM	4980
4.21	OVERALL WIDTH	B1	MM	2000
4.32	GROUND CLEARANCE, CENTRE OF WHEEL BASE	M2	MM	260
4.35	OUTER TURNING RADIUS	WA	MM	4420
4.36	INNER TURNING RADIUS	B13	MM	1202

PERFORMANCE

5.1	TRAVEL SPEED, UNLADEN		KM/H	20
5.5	RATED DRAWBAR PULL, UNLADEN (S2=60°)		N	20000
5.6	MAX. DRAWBAR PULL, UNLADEN		N	100000
5.7	GRADEABILITY, UNLADEN		%	N.D.
5.8	MAX. GRADEABILITY, UNLADEN		%	N.D.
5.10	BRAKES			HYDRAULIC PLATE (MINERAL OIL)

MOTORS

6.1	DRIVE MOTOR RATING (S2=60°)		KW	40 (2 X 20 KW)
6.3	BATTERY ACCORDING TO NORM			"LIFEPO4"
6.4	BATTERY VOLTAGE NOMINAL CAPACITY		V AH	80 400
6.5	BATTERY WEIGHT		KG	420

OTHER

8.1	TYPE OF DRIVE UNIT			AC-MICROPROCESSOR
8.6	DRIVE AXLE TYPE			AXLE RR= 61.62:1 /19.89:1
10.7	AVERAGE NOISE PEAK AT DRIVER'S SEAT		DB(A)	N.D.
10.8	TOWING COUPLING, TYPE			IATA 3"