

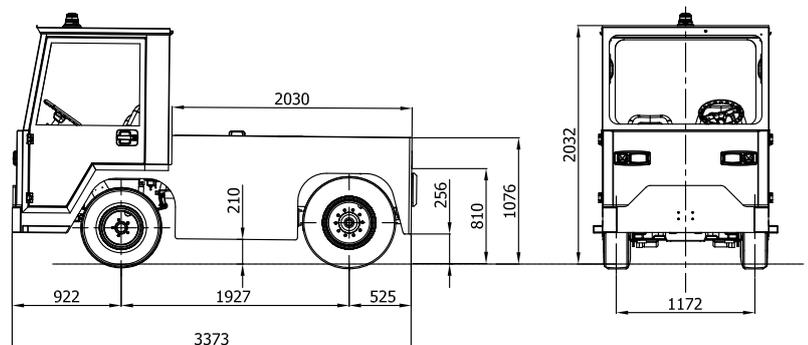
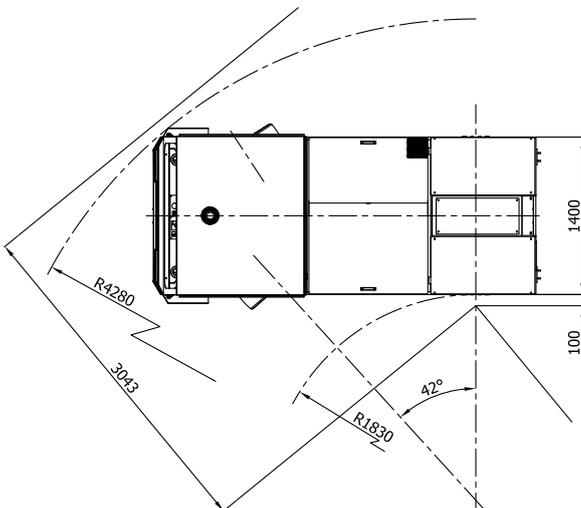
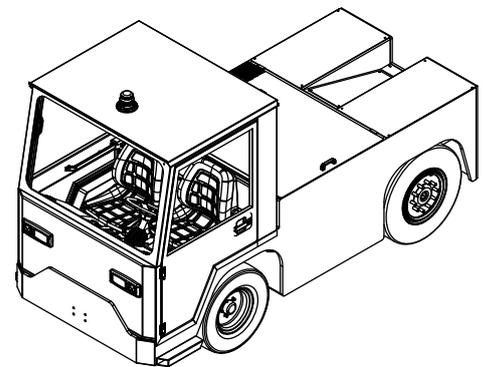


# E400 AC

**Designed for steep gradients. Long range and superb reliability.**  
When presented with challenging slopes, the ATA E400 model represents the ideal solution.

Complete with battery up to 930Ah, it can also be used for ground handling operations of CAT I aircraft, and the 930Ah battery guarantees an extremely long range.

AC motor, over 20 Kw continuous power output, long range and superb reliability!

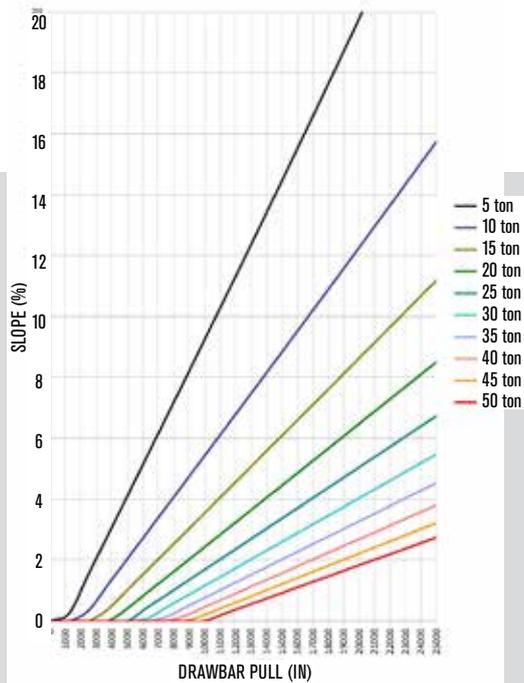


# E400 AC



## PERFORMANCES

PERMISSIBLE SLOPES FOR ATA E400AC



CHARACTERISTICS			
1.1	MANUFACTURER		ATA SRL
1.2	MANUFACTURER'S MODEL DESIGNATION		E400AC
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 10000
	ADMISSIBLE TRAILER LOAD		
	DRY-ROAD/WHEEL FRICTION COEFFICIENT: =0.8		
	ROLLING RESISTANCE ON LEVEL SURFACE R=200 N/T		KG 50000
1.9	WHEELBASE	Y	MM 1927

WEIGHT			
2.1	SERVICE WEIGHT (INCLUDING BATTERY)		KG 4800 5303
2.2	AXLE LOADING, UNLADEN FRONT		KG 2300 2500
2.3	AXLE LOADING, UNLADEN REAR		KG 2500 2803

TYRES/CHASSIS			
3.1	TYRES		PNEUMATIC SOLID
3.2	TYRE SIZE - FRONT		7.00-12"
3.3	TYRE SIZE - REAR		7.50-15"
3.5	NUMBER OF WHEELS (FRONT/REAR, X=DRIVE)		2 / 2X
3.6	TREAD, FRONT (TRACK)	B10	MM 1172
3.7	TREAD, REAR (TRACK)	B11	MM 1172
3.8	SUSPENSION/DAMPING (FRONT/REAR)		LEAF SPRINGS/SHOCK ABSORB.
3.9	WHEELS BRAKED SERVICE BRAKE, NUMBER		4
3.10	WHEELS BRAKED PARKING BRAKE, NUMBER		2 (REAR)

DIMENSIONS			
4.7	HEIGHT OF OVERHEAD GUARD	H6	MM 2032
4.8	STAND HEIGHT, LOWERED	H7	MM 850
4.12	COUPLING HEIGHT	H10	MM 350÷700
4.13	LOADING HEIGHT, UNLADEN (PLATFORM HEIGHT)	H11	MM 1076
4.16	LENGTH OF LOADING SURFACE (PLATFORM)	L13	MM 1050
4.17	OVERHANG	L5	MM 525
4.18	WIDTH OF LOADING SURFACE (PLATFORM)	B9	MM 1400
4.19	OVERALL LENGTH	L1	MM 3373
4.21	OVERALL WIDTH	B1	MM 1400
4.32	GROUND CLEARANCE, CENTRE OF WHEEL BASE	M2	MM 210
4.35	OUTER TURNING RADIUS	WA	MM 4280
4.36	INNER TURNING RADIUS	B13	MM 1830

PERFORMANCE			
5.1	TRAVEL SPEED, UNLADEN		KM/H 20
5.5	RATED DRAWBAR PULL, UNLADEN (S2=60°)		N 10000
5.6	MAX. DRAWBAR PULL, UNLADEN		N 25000
5.7	GRADEABILITY, UNLADEN		% SEE PERFORMANCE DIAGRAM
5.8	MAX. GRADEABILITY, UNLADEN		% SEE PERFORMANCE DIAGRAM
5.10	BRAKES		HYDRAULIC (DOT 3/4)

MOTORS			
6.1	DRIVE MOTOR RATING (S2=60°)		KW 21.4
6.3	BATTERY ACCORDING TO NORM		DIN 43536-A
6.4	BATTERY VOLTAGE   NOMINAL CAPACITY	V   AH	80   750 80   930
6.5	BATTERY WEIGHT		KG 1785 2288

OTHER			
8.1	TYPE OF DRIVE UNIT		AC-MICROPROCESSOR
8.6	DRIVE AXLE TYPE		TRANSAXLE RR=29:1
10.7	AVERAGE NOISE PEAK AT DRIVER'S SEAT		DB(A) 69
10.8	TOWING COUPLING, TYPE		ATA 67621 (DIN 74054 EYE CONFORM)

This data sheet gives technical features in accordance with VDI 2198.

To ensure safe transport must observe the following rules for towing trailers. It is absolutely forbidden to exceed the maximum trailer load. The trailer load must be calculated by the operator in accordance with VDI 3973 and DIN 15172. However, it is absolutely forbidden to exceed the maximum admissible trailer load specified by the manufacturer.