

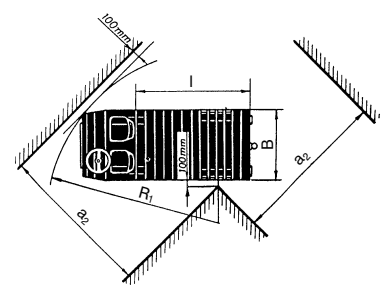
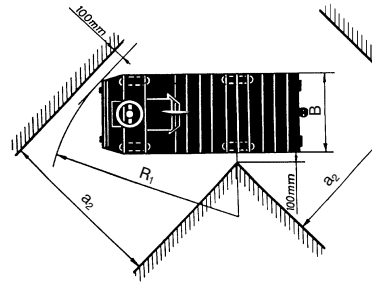
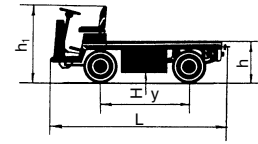
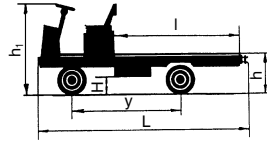
ELECTRIC PLATFORM TRUCKS AND DUMPERS

TECHNICAL CHARACTERISTICS

Characteristics	1	Manufacturer		„BALKANCAR – DUNAV“ Co.					
	2	Type		Manufact. designation		EP 001.3	EP 001.5	EP 006.2	EP 011.2
	3	Load capacity		Q – useful load	kg	1000	1000	2000	3000
	4	Power unit		electric (battery), diesel, petrol, LPG-engine		electric (battery)	electric (battery)	electric (battery)	electric (battery)
	5	Steering system		position of driver		seated	seated	seated	seated
	6	Tyres		V – solid rubber, L – pneumatic, front/rear		L L	L L	L L	L L
	7	Wheels (x – drive)		number, front/rear		2 2x	2 2x	2 2x	2 2x
	8	Lifting equipment		with/without		without	without	without	without
Dimensions	9	Load plane		l x b (platform length x width) (scoop)	mm	1650 x 1050	1210 x 1050	2150 x 1300	2150 x 1300
	10	Load plane height		h	mm	570	570	800	800
	11	Overall dimensions		L length	mm	2770	2270	3300	3300
	12			B width	mm	1060	1060	1310	1310
	13			h ₁ height	mm	1350	1350	1510	1510
	14	Lift		h ₂ (only for dumpers)	mm				
	15	Turning radius		R ₁ outer, min.	mm	2100	2100	2900	2900
	17	Aisle width		a ₁ at 90° turn	mm				
18			a ₂ minimum intersecting aisles	mm	2000	2000	2600	2600	
Performance	19	Speeds		travel, laden/unladen	km/h	12 16	12 16	16 20	15 20
	20			lifting, laden/unladen	m/s				
	21			lowering, laden/unladen	m/s				
	22	Traction force		drawbar pull	kN	0,5	0,5	0,8	0,8
	23	Max. traction force		5 min. drawbar pull	kN				
	24	Gradient performance		laden/unladen	%	12	12	12	10
	25	Max. gradient		laden/unladen	%				
WTS	26	Dead mass		battery incl.	kg	870	830	1370	1720
	27	Axle weight		with rated load. front/rear	kgf	460 1440	460 1470	1400 2300	1850 3050
Chassis	28	Tyres		number, front/rear		2 2	2 2	2 2	2 2
	29		dimensions	front	mm	4,00-8/110-203/PR8	4,00-8/110-203/PR8	23x5PR6(630x155)	23x5PR10(630x155)
	30			rear	mm	4,00-8/110-203/PR8	4,00-8/110-203/PR8	23x5PR6(630x155)	23x5PR10(630x155)
	31	Wheelbase		y	mm	1355	1355	1655	1655
	32	Track		front/rear	mm	710 900	710 900	930 1098	930 1098
	33	Ground clearance		with rated load	mm	60	60	110	105
	34			H at wheel base centre	mm	250	250	190	190
	35	Brakes		service/parking		foot/hand	foot/hand	foot/hand	foot/hand
	36			mechanical, hydraulic		hydr./mech.	hydr./mech.	hydr./mech.	hydr./mech.
	37	Suspension		axle, front/rear		rubber bumpers/ leaf springs	rubber bumpers/ leaf springs	rubber bumpers/ leaf springs	rubber bumpers/ leaf springs
Drive	38	Storage battery		type		lead	lead	lead	lead
	39			voltage/capacity at 5 h discharge rate	V/kC	40 200	40 200	2x40 165	2 x 40 280
	40	Electric motors		drive motor, output (S ₂ =60 min.)	kW	3	3	3,6	3,6
	41			pump motor, output (S rating)	kW				
	42	Switching - in		type		controller	controller	controller	controller
	43			number of gears, forward/reverse		6 6	6 6	5 5	6 6
44	Transmission		type		mechanical	mechanical	mechanical	mechanical	

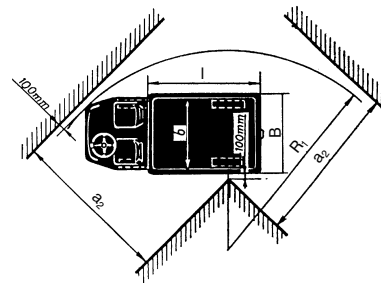
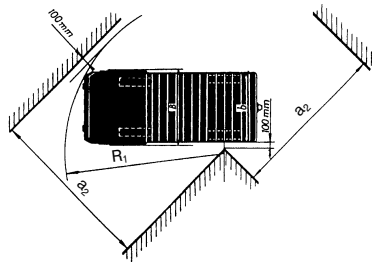
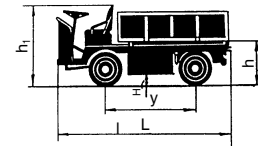
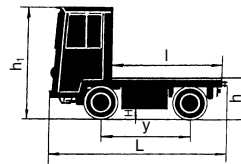


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2	EP 011.4	ES 301.2	ES 301.4
3	3000	2000	2000
4	electric (battery)	electric (battery)	electric (battery)
5	seated	seated	seated
6	L L	L L	L L
7	2 2x	2 2x	2 2x
8	without	with	with
9	2150 x 1300	2100 x 1420	2100 x 1420
10	800	930	940
11	3450	3340	3450
12	1440	1530	1530
13	2200	1510	2200
14		700 52°	700 52°
15	2950	2900	2950
17			
18	2600	2700	2700
19	15 20	16 20	16 20
20		10	10
21		7	7
22	0,8	0,8	0,8
23			
24	10	10	
25		10	10
26	2000	1950	2170
27	2050 3050	1400 2750	1620 2850
28	2 2	2 2	2 2
29	23x5PR10(630x155)	23x5PR10(630x155)	23x5PR10(630x155)
30	23x5PR10(630x155)	23x5PR10(630x155)	23x5PR10(630x155)
31	1655	1655	1655
32	930 1098	930 1098	930 1098
33	105	105	105
34	190	190	190
35	foot/hand	foot/hand	foot/hand
36	hydr./mech.	hydr./mech.	hydr./mech.
37	rubber bumpers/ leaf springs	rubber bumpers/ leaf springs	rubber bumpers/ leaf springs
38	lead	lead	lead
39	2 x 40 280	2 x 40 280	2 x 40 280
40	3,6	3,6	3,6
41		2,8	2,8
42	pulse regulator	controller	pulse regulator
43	stepless	6 6	stepless
44	mechanical	mechanical	mechanical



EP 001

EP 006



EP 011.4

ES 301

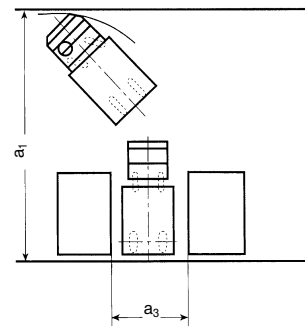
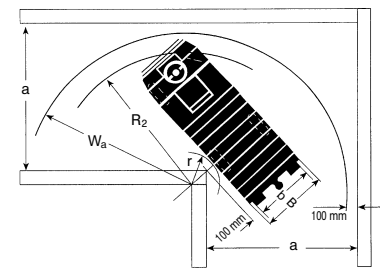
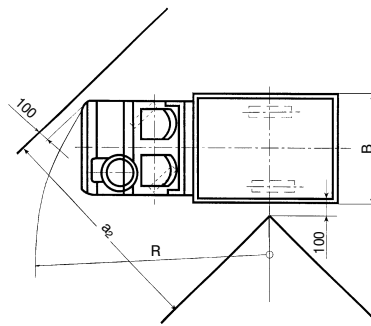
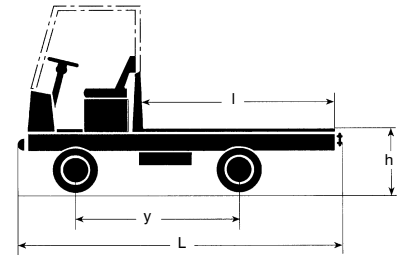
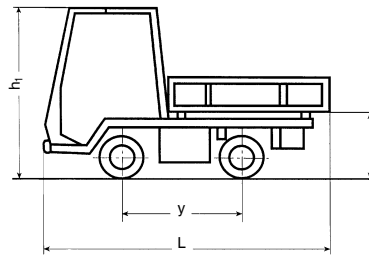
ELECTRIC PLATFORM TRUCKS AND DUMPERS

TECHNICAL CHARACTERISTICS

Characteristics	1	Manufacturer	„BALKANCAR – DUNAV“ Co.					
	2	Type	Manufact. designation		EP 002.140	EP 005.71.2	EP 012.71	
	3	Load capacity	Q – useful load	kg	1000	2000	3000	
	4	Power unit	electric (battery), diesel, petrol, LPG-engine		electric (battery)	electric (battery)	electric (battery)	
	5	Steering system	position of driver		car type	car type	car type	
	6	Tyres	V – solid, L – pneumatic, front/rear		L L	L L	L L	
	7	Wheels (x – drive)	number, front/rear		2 2x	2 2x	2 2x	
	8	Lifting equipment	with/without		without	without	without	
Dimensions	9	Load plane	l x b (platform length x width) (scoop)	mm	1650 x 1100	2200 x 1350	2200 x 1350	
	10	Load plane height	h	mm	630	710	700	
	11	Overall dimensions	L length	mm	3060 max.	3640 max.	3610 max.	
	12		B width	mm	1170 max.	1420 max.	1300 max.	
	13		h ₁ height	mm	1820 max.	1300 max.	1300 max.	
	14	Lift	h ₂ (only for dumpers)	mm				
	15	Turning radius	R ₁ outer, min.	mm	2550	2950	2950	
	17	Aisle width	a ₁ at 90° turn	mm	2550/1400	3200/1700	3200/1700	
18	a ₂ minimum intersecting aisles		mm	2300	2750	2750		
Performance	19	Speeds	travel, laden/unladen	km/h	20 22	20 23	18 23	
	20		lifting, laden/unladen	m/s				
	21		lowering, laden/unladen	m/s				
	22	Traction force	drawbar pull	kN	0,8	0,8	0,8	
	23	Max. traction force	5 min. drawbar pull	kN		2,5		
	24	Gradient performance	laden/unladen	%				
	25	Max. gradient	laden/unladen	%	10	10	7	
WTS	26	Dead mass	battery incl.	kg	1100	1330	1760	
	27	Axle weight	with rated load front/rear	kgf	850 1500	1600 2800	2000 3700	
Chassis	28	Tyres	number, front/rear		2 2	2 2	2 2	
	29		dimensions	front	mm	5,00-8 PR8	6,00-9 PR10	6,00-9 PR12
	30			rear	mm	5,00-8 PR8	6,00-9 PR10	6,00-9 PR12
	31	Wheelbase	y	mm	1260	1655	1655	
	32	Track	front/rear	mm	840 902	995 1090	995 1090	
	33	Ground clearance	with rated load	at lowest point	mm	80 min.	85 min.	85 min.
	34			H at wheel base centre	mm	110 min.	180 min.	180 min.
	35	Brakes	service/parking			working/parking	working/parking	working/parking
36	mechanical, hydraulic			hydraulic/mechan.	hydraulic/mechan.	hydraulic/mechan.		
37	Suspension	axle, front/rear			spring/bumper/pin	spring/bumper/pin	spring/bumper/pin	
Drive	38	Storage battery	type		lead	lead	lead	
	39		voltage/capacity at 5 h discharge rate	V/kC	48 220	80 165	80 275	
	40	Electric motors	drive motor, output (S ₂ = 60 min)	kW	4,2	6,3	6,3	
	41		pump motor, output (S rating)	kW				
	42	Switching - in	type			electronic	electronic	electronic
	43		number of gears, forward/reverse			stepless	stepless	stepless
	44	Transmission	type			mechanical	mechanical	mechanical



1		
2	EP 012.71.2	ES 302.10
3	3000	2000
4	electric (battery)	electric (battery)
5	car type	car type
6	L L	L L
7	2 2x	2 2x
8	without	with
9	2100 x 1420	2100 x 1420
10	700	830
11	3620 max.	3620 max.
12	1500 max.	1500 max.
13	1880 max.	1880 max.
14		700
15	2950	2950
17	3200/1700	3200/1700
18	2700	2700
19	19 23	19 23
20		
21		
22	0,8	0,8
23		2,5
24		
25	7	10
26	1770	2150
27	2000 3700	1600 3500
28	2 2	2 2
29	6,00-9 PR12	6,00-9 PR12
30	6,00-9 PR12	6,00-9 PR12
31	1655	1655
32	995 1090	995 1090
33	85 min.	85 min.
34	180 min.	180 min.
35	working/parking	working/parking
36	hydraulic/mechan.	hydraulic/mechan.
37	spring/bumper/pin	spring/bumper/pin
38	lead	lead
39	80 275	80 275
40	6,3	6,3
41		2,8
42	electronic	electronic
43	stepless	stepless
44	mechanical	mechanical



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