



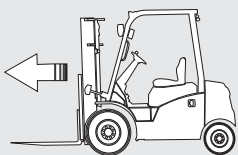
OVINDO METALTAMA TEHNIK

EFX5-251,301,351,381

Electric Counterbalance
Forklift Truck
2500–3800kg

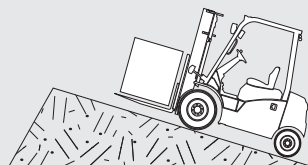


- Modular battery design for flexible battery capacity adjustment
- One standard battery module allows for individual use and pairwise combination
- Lithium technology with opportunity charging and zero maintenance
- High travelling and lifting speed and strong gradeability for maximum efficiency
- 150mm ground clearance and big tyres to work on all surfaces
- Improved key components: mast, lights, seat, display and controls



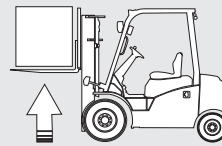
16/17km/h

Travel speed (laden/ unladen)



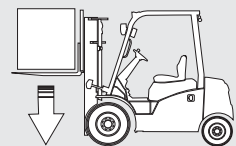
20/25%

Max. gradeability (laden/ unladen)



0.45/0.55m/s

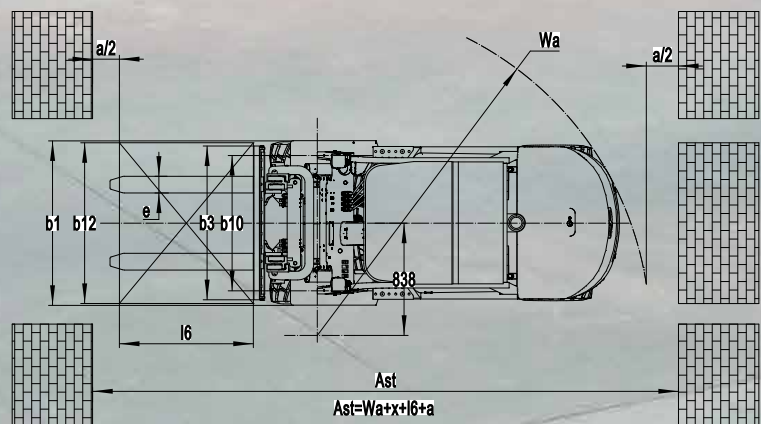
Lifting speed (laden/ unladen)



0.5/0.44m/s

Lowering speed (laden/ unladen)

- High performance for productivity boost
- Lithium technology with opportunity charging
- Higher ground clearance for all terrain challenges
- Improved components for easy, safe and comfortable operation



Electric Counterbalance Forklift Truck 2500–3800kg

EFX5-251,301,351,381

Distinguishing mark	1.1	Manufacturer			EP	EP	EP	EP
	1.2	Model designation			EFX5-251	EFX5-301	EFX5-351	EFX5-381
	1.3	Drive			Electric	Electric	Electric	Electric
	1.4	Operator type			Seated	Seated	Seated	Seated
	1.5	Load capacity	Q	kg	2500	3000	3500	3800
	1.6	Load center distance	c	mm	500	500	500	500
	1.8	Load distance, centre of drive axle to fork	x	mm	495	481	486	501
	1.9	Wheelbase	y	mm	1685	1760	1760	1760
Service weight	2.1	Service weight		kg	3835	4820	5020	5350
	2.2	Axle loading, laden front/rear		kg	5679/656	6510/1310	7290/1230	7910/1240
	2.3	Axle loading, unladen front/rear		kg	1711/2124	1835/2985	1810/3210	1950/3400
Tyres/chassis	3.1	Tyre type			Pneumatic	Pneumatic	Pneumatic	Solid rubber
	3.2	Tyre size, front			7.00-12-12PR	28X9-15-14PR	28X9-15-14PR	250-15
	3.3	Tyre size, rear			18X7-8-14PR	6.50-10-10PR	6.50-10-10PR	6.50-10
	3.5	Wheels, number front/rear (x=drive wheels)		mm	2x/ 2	2x/ 2	2x/ 2	2x/ 2
	3.6	Tread width, front	b _{1.0}	mm	975	1010	1010	1010
Dimensions	3.7	Tread width, rear	b _{1.1}	mm	955	980	980	980
	4.1	Tilt of mast/fork carriage forward/backward	α/β	°	6/ 10	6/ 10	6/ 10	6/ 10
	4.2	Retracted mast height	h ₁	mm	2090	2065	2065	2065
	4.3	Free lift	h ₂	mm	195	135	135	135
	4.4	Lift height	h ₃	mm	3000	3000	3000	3000
	4.5	Height, mast extended	h ₄	mm	4065	4130	4130	4130
	4.7	Height of overhead guard (cabin)	h ₅	mm	2165	2160	2160	2160
	4.8	Seat height/standing height	h ₇	mm	1095	1095	1095	1095
	4.12	Tow coupling height	h _{1.0}	mm	315	280	280	280
	4.19	Overall length	l ₁	mm	3590	3819	3824	3865
	4.20	Length to face of forks	l ₂	mm	2520	2749	2754	2795
	4.21	Overall width	b ₁ /b ₂	mm	1154	1230	1230	1250
	4.22	Fork dimensions	s×e×l	mm	40×122×1070	45×122×1070	50×122×1070	50×122×1070
	4.23	A,B Fork carriage class/type A, B			2A	3A	3A	3A
	4.24	Fork carriage width	b ₃	mm	1040	1100	1100	1100
	4.31	Ground clearance, laden, below mast	m ₁	mm	100	120	120	120
	4.32	Ground clearance, center of wheelbase	m ₂	mm	150	150	150	150
	4.34.1	Aisle width for pallets 1000×1200 crossways	Ast	mm	3965	4179	4184	4225
	4.34.2	Aisle width for pallets 800×1200 lengthways	Ast	mm	4165	4379	4384	4425
Performance data	4.35	Turning radius	Wa	mm	2270	2498	2498	2524
	5.1	Travel speed, laden/unladen		km/h	16/17	16/17	16/17	15/16
	5.2	Lifting speed, laden/unladen		m/s	0.38/0.45	0.45/0.55	0.44/0.55	0.43/0.52
	5.3	Lowering speed, laden/unladen		m/s	0.45/0.52	0.5/0.44	0.5/0.44	0.5/0.4
	5.8	Max. gradeability, laden/unladen		%	17/25	20/25	18/25	16/20
	5.10	Service brake			Hydraulic	Hydraulic	Hydraulic	Hydraulic
Electric-engine	5.11	Parking brake			Mechanical	Mechanical	Mechanical	Mechanical
	6.1	Drive motor rating S2 60 min		kW	16	16	16	16
	6.2	Lift motor rating at S3 15%		kW	24	24	24	24
Drive/lift mechanism	6.4	Battery voltage/nominal capacity		V/Ah	80V280AH	80V280AH	80V280AH	80V280AH
	8.1	Type of drive control			AC	AC	AC	AC
Addition data	10.5	Steering design			Hydraulic	Hydraulic	Hydraulic	Hydraulic
	10.7	Sound pressure level at the driver's ear		dB(A)	< 74	< 74	< 74	< 74

If there are improvements of technical parameters or configurations, no further notice will be given. The diagram shown may contain non-standard configurations.



PT. OVINDO METALTAMA TEHNIK

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