

MIKADOCLASS

HEELS ELECTRONIC FORKLIFT TRUCKS



MAJOR: MK10-MK13-MK15-MK17
Capacity kg. 1.000 1.300 1.500 1.700

"TINY" ELECTRONIC TRUCKS

DRIVING POSITION

Designed according to the latest ergonomic standards and asking the driver minimum expenditure of energy and concentration.



Easy stepping up: the footboard is only 520 mm high.

Highly comfortable seat with double adjustment (forward/backward up/down) depending on driver's height and weight.

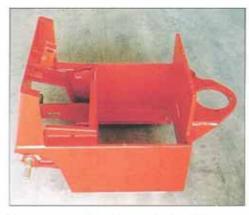
The truck controls lay-out (steering wheel, starting key, speed reverser, hydraulic functions levers) enables the operator easy and unweary driv-



ing: it is possible to adjust the tilt of the entire control board including the steering wheel (which can also be lifted or lowered) adapting it to the driver's need. The hourmeter, the battery charge detector, the loading diagram are always clear at a glance.

STRENGTH, HANDINESS AND PERFORMANCES

The thick steel monolithic chassis is especially designed for best components lay-out. His great compactness sustains any torsional stress during working at full load, full steering lock or on rough ground.





The steering operates on the drive wheel by means of a strong chain with mechanic or hydraulic control.

The truck is moved by a strong traction motor coupled to a gear transmission on the rear wheel. This one is a big section wheel that can turn 180° enabling the truck to spin on a very short turning radius, to work in narrow gangways and to keep great working stability.



FOR GREAT PERFORMANCES

VISIBILITY

The mast is manufactured using cold-drawn profiles for highest torsional and flexural strength.

The sliding guides are fitted to use all available width on the front side assuring the operator maximum visibility during both loading and unloading operations.





The hydraulic cylinders are placed on the profiles' sides and the chains are shielded.

The "INTEGRATED" side shifter does not cut down considerably the rated load capacity of the truck and does not reduce the operator's visibility.

ELECTRONICS

The truck is equipped with a high frequency MOS electronic control with energy saving system for all the truck's functions.

The speed is softly and progressively controlled enabling gentle reversals, easy operations in narrow gangways and fast driving on long ways.

The MOS electronic control gives possibility of reverse current braking reducing noise and mechanic frictions. It also grants longer operation autonomy during every working shift due to better use of the battery energy. The truck can be equipped with single pedal and speed reversal lever by the steering wheel, or double pedal system.







EASY SERVICING AND COMPONENTS ACCESS

The electronic units, the drive wheel/motor/gear transmission, in the back side of the truck, the power steering, the motor, the pump, the accelerator pedal, the hydraulic valves, under the footboard in the front side: all of these can be easily reached for servicing, check and adjustment allowing quick maintenance and cutting halt time. This means higher operating profitability and lower servicing costs.



With the "CTC TEST" you can quickly locate any electric troubles and adjust the electronic system according to the performances required.

MIKADO MAJOR CLASS



MK 10 - MK 13

FEATURES, DIMENSIONS, PERFORMANCES

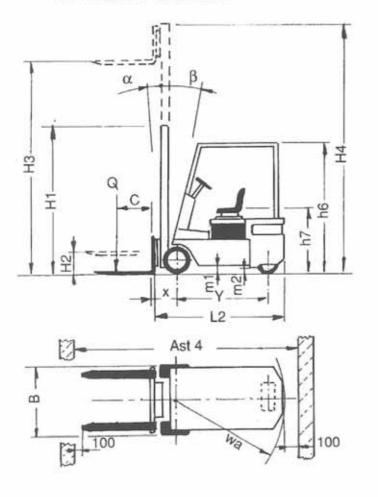
	1 Man	ufacturer				CTC	CTC
- 6	2 Mod	el				MK 10	MK 13
FAIOHES	3 Cap	acity	Q	Rated load	kg	1000	1300
Ĕ.		dicentre	c	Distance	mm	500	500
		or type	AT 2	Electric (Battery)		Electric	Electric
		ng position		Operator: standing - sitting - walking		sitting	sitting
+	7 Tyres			C=Cushion SE=Superelast. P=Pneumatic		P.S.C./C.	P.S.C./C.
		Wheels (x=drive wheel)		Number front/rear		2/1x	2/1x
_	9 Liftin		h3	Standard lifting	mm	3300	3300
	0 with	.9	- manufacturing and a second	Normal free lift	mm	100	100
		ex mast	- Charles September 1981	Full free lift	mm	-	700
		dard forks	110	Length(L) x Width(b) x Thickness(s)	mm	1000 x 100 x 35	1000 x 100 x 35
-	-	s carrier		FEM rules complying		FEM II A	FEM II A
	4 Tiltin			Forward (α) / Backwards (β)	_	30/80	30/80
1 1 1 1 1 1				The state of the s	mm	1520	1740
1	6	B h1 h4		Overall width (Twin tyres)	mm	940	940
1	7			Min. height with closed mast	mm	2190	2190
1	DHIII			Max. height with raised mast		3775	3775
1	record .			Height of headguard	mm	1990	1990
2	- and		h6	Height of the seat	2.2.2.2.2.2	980	THE PERSON NAMED IN COLUMN 1
-		face and the	h7		mm		980
	material and the second second	ing radius	Wa	Outer	mm	1250	1430
_		d distance	X	From forks to front wheel axle	mm	330*	330*
		gway width	Ast.4	Pallets 800x1200 / 1200x1200	mm	2580/2980	2760/3160
+	4 Stab			FEM/ISO rules		YES	YES
		e speed	-	With/without load	km/h	10,5/11	11/13
2		ig speed	_	With/without load	m/s	0,20/0,26	0,20/0,26
2		ering speed		With/without load	m/s	0,60/0,40	0,60/0,40
		towing capacity		Without load	kg	290	480
		gradeability		With/without load	%	9/14	10/15
3		tht with battery		Standard lifting	kg	2330	2640
3	-	load-laden		Front/rear axle	kg	2870/460	3300/640
-		load-unladen		Front/rear axle	kg	1030/1300	1080/1560
3	_		_	Number: front/rear	N.	2/1	2/1
		Wheels		Size: front		16x6-8	18x7-8
3				Size: rear		413x152x286	413x152x286
3		el base	Y		mm	970	1170
h	6 Trac	k		Front wheels centre	mm	780	780
3	Ground clearance		m2	Minimum	mm	55	55
3		- Ciodila Cicalance		Wheel base centre	mm	90	90
3				Pedal service brake		hydraulic	hydraulic
4	0 Diak	.03		Hand parking brake		mechanic	mechanic
4	1	Battery		Туре		tubular	tubular
4:	2 Batte			Tension/capacity	V/Ah	48/220	48/330
4				Minimum weight	kg	500	700
4	4	D427 1999 1997		Traction, S2 power	kW	5	6
4:				Lifting, S3 25% power	kW	5,5	5,5
4	6 Stee	ring		Туре		assisted	assisted
4	-	smission		Туре		electron, var.	electron, var.
		aulic system		Max. pressure	bar	150	150

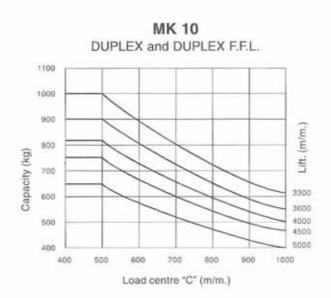
^{*} with integrated side shifter = +30 mm

^{*} with TRIPLEX mast =

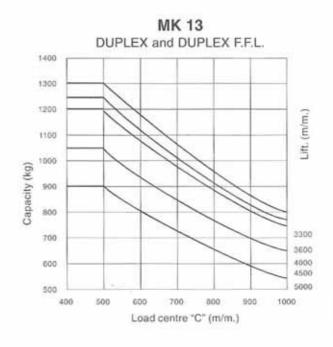
FORKLIFT TRUCKS

MIKADO MAJOR CLASS





Type of Mast	H3 Lifting Height	H1 Minimum overall dimension	H2 Free Lift	H4 Maximum overall dimension
DUPLEX	3.300	2.190	100	3.775
	3.600	2.340	100	4.075
	4.000	2.540	100	4.475
	4.500	2.790	100	4.975
	5.000	3.090	100	5.475
DUPLEX F.F.L.	2.900	1.915	1.450	3.470
	3.300	2.125	1.640	3.900
TRIPLEX	4.400	2.010	1.465	4.930
	5.200	2.275	1.730	5.730
F.F.L.	5.600	2.410	1.870	6.130
	6.000	2.540	1.990	6.530



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