R-100 series/ 1.4-2.0 ton excellent standard features

R-100 series with excellent standard features

1. The multifunctional centralized control system for AC control.
2. Energy saving design with self-diagnosis function
3. Small turning radius, improve space utilization
4. Minimal load reduction for lift height
5. Full AC control system reduce maintenance cost
6. Active safety and easy maintenance

Advanced Performance

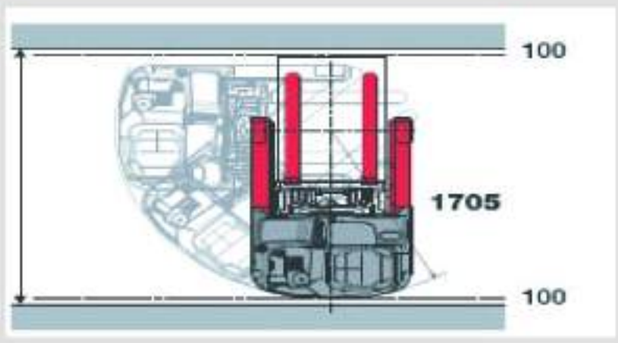
- Maximized operation time between recharges
  The AC computer control system monitor power consumption. Therefore, a single charge provides ample power for long periods of operation, increasing the efficiency of material handling tasks.
- Minimal load reduction for lift height
  The low center of gravity increases the truck stability.

Advanced Control

- Strong overhead guard
  The rigidity of overhead guard has been strengthened and overhead visibility has been improved for increased safety.
- Clear view for operation
  We have design a wide upper and forward visibility by redesigning the overhead guard and mast structure
- Small- diameter steering wheel
  Reduced operator fatigue during repeated material handling operations.
- Mast soft landing cylinder & shock absorption mast
  Reduces the sound and shock experienced when the forks are lowered.

Advanced Control

- Neutral safety function during travel and material handling
  If the key switch is turned on while the accelerator lever or the hydraulic lever is being operated, all truck functions are disabled.
- Fast speed and powerful acceleration for increase work efficiency
- Stable turning with small turning radius 1705mm



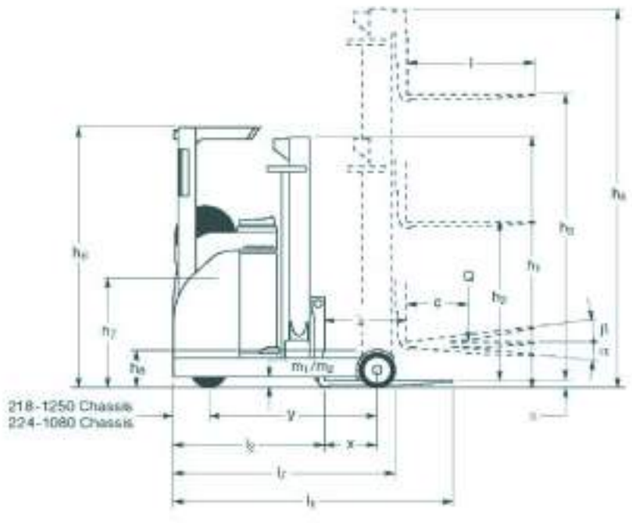
- No Brush for motor : saving 30% maintenance cost
- The easy-to-read display
- Wheel indicator

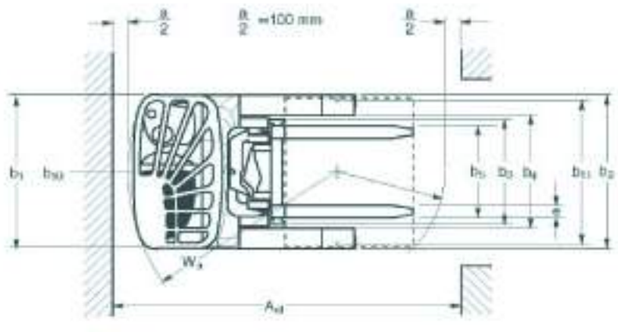
		RE14	RE16	RE20
Type of control		Seated	Seated	Seated
Load capacity	kg	1400	1600	2000
Load centre	Mm	600	600	600
Turing radius	Mm	1610	1705	1755

SPECIFICATION

CHARACTERISTICS	1.1	Manufacturer			TAILIFT	TAILIFT	TAILIFT
	1.2	Model			RE14	RE16	RE20
	1.3	Drive			Electric	Electric	Electric
	1.4	Type of control			Seated	Seated	Seated
	1.5	Load capacity	Q	kg	1400	1600	2000
	1.6	Load centre	c	mm	600	600	600
	1.7	Load distance	x	mm	375	475	445
	1.8	Wheelbase	y	mm	1350	1450	1500
WEIGHT	2.1	Service weight W/O battery		kg	2500~2600	2550~2650	2900~3000
	2.2	Axle loading,Reach-in Laden(Load/Drive)		kg	2550/1250	2690/1360	3320/1480
	2.3	Axle loading, Reach-in Unladen(Load/Drive)		kg	920/1480	955/1495	1115/1685
	2.4	Axle loading, Reach-out Laden(Load/Drive)		kg	3040/760	3260/790	3880/920
	2.5	Axle loading, Reach-out Unladen(Load/Drive)		kg	1410/990	1520/930	1675/1125
Wheels types	3.1	Tyresbrand			Vulkolan	Vulkolan	Vulkolan
	3.2	Tyre size - front (Drive)		mm	343x140	343x140	343x140
	3.3	Tyre size - rear (Load)		mm	285x100	285x100	350x100
	3.4	Wheels - number rear / front (x= dive wheel)			1x/ 2	1x/ 2	1x/ 2
	3.5	Track width - front	b10	mm	–	–	–
	3.6	Track width - rear	b11	mm	1200	1200	1230
Basic dimensions	4.1	Mast/Fork carriage tilt forward/backward	α/β	(*)	2/5	2/5	2/5
	4.2	Height mast lowered	h1	mm	2050	2050	2050
	4.3	Free lift	h2	mm	1640	1640	1640
	4.4	Lift height	h3	mm	4500	4500	4500
	4.5	Height mast extened	h4	mm	5340	5340	5440
	4.6	Overhead guard height	h6	mm	2190	2190	2190
	4.7	Seat Height	h7	mm	1050	1050	1050
	4.8	Heightof reach legs	h8	mm	285	285	355
	4.9	Overall length	L1	mm	2370	2370	2450
	4.10	Length to face of forks	L2	mm	1300	1300	1380
	4.11	Overall width	b1/b2	mm	1270/1270	1270/1270	1270/1334
	4.12	Fork Dimension	s/e/l	mm	40x100x1070	50x100x1070	50x100x1070
	4.13	Fork carriage ISO 2328, class/type A, B			2/ A	2/ A	2/ A
	4.14	Fork carriage width	b3	mm	900	900	900
	4.15	Width over forks	b5	mm	715/200	737/292	737/292
	4.16	Width between straddle legs/load platform	b4	mm	920	920	920
	4.17	Reach distance	L4	mm	600	600	600
	4.18	Ground clearance, centre of wheelbase	m2	mm	70	70	80
	4.19	Aisle width for pallets 1000x1200 crossways	Ast	mm	2650/2396	2715/2468	2758/2509
	4.20	Aisle width for pallets 800x1200 lengthways	Ast	mm	2692/2596	2762/2668	2804/2709
	4.21	Turning radius	Wa	mm	1610	1705	1755
	4.22	Length across wheel arms	L7	mm	1792	1842	1920
Performance data	5.1	Travel speed, laden/ unladen		km/h	10/11.5	10/11.5	10/11.5
	5.2	Lift speed, laden/ unladen		mm/s	280/500	280/500	250/450
	5.3	Lowering speed, laden/ unladen		mm/s	500/400	500/400	500/400
	5.4	Reachspeed, laden/ unladen		mm/s	150/200	150/200	150/100
	5.5	Max. gradient performance, laden/unladen		%	10/15	10/15	10/15
	5.6	Acceleration time, laden/unladen		s	5.1/4.8	5.2/4.8	5.3/4.6
	5.7	Service brake			Electric	Electric	Electric
Power Unit	6.1	Drive motorrating s2 60 minute		kw	5	5	5
	6.2	Lift motor rating at s3 15%		kw	12	12	12
	6.3	Power steering motor rating 60 minute		kw	0.4	0.4	0.4
	6.4	Battery acc. to DIN 43531/35/36 A,B,C, no			C	C	C
	6.5	Battery voltage, nominal capacity k5		V/Ah	48/370~450	48/370~450	48/480~560
	6.6	Battery weight		kg	750	750	940
Others	7.1	Type of drive control			AC/Inverter	AC/Inverter	AC/Inverter
	7.2	Operating pressure for attachments		bar	150	150	170
	7.3	Oil volume forattachments		1/min	18	18	18

*** This is only for reference and not subject to notic in advance if there is any modification.**





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