



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

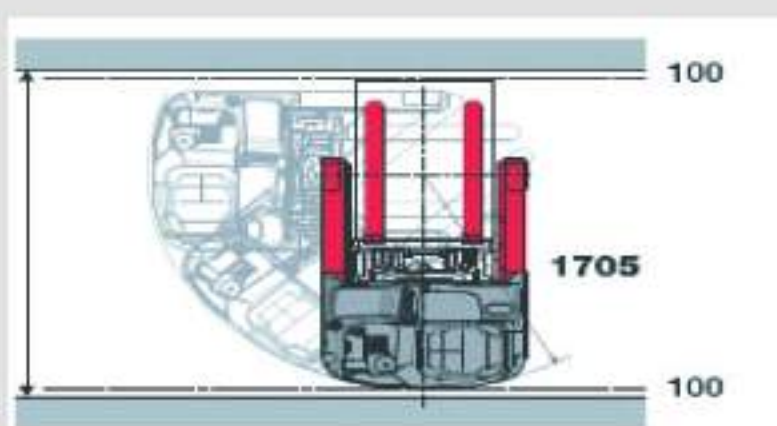
- Maximized operation time between recharges
The AC computer control system monitor power consumption. Therefore, a single charge provides ample power for long periods of operation, increasing the efficiency of material handling tasks.
- Minimal load reduction for lift height
The low center of gravity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

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

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

Tailift Co., LTD.

5, ZiLi 1st Rd, Nankang Ind. zone, NanTou, Taiwan, R.O.C

Tel: +886-49-2263800 Fax: +886-49-2252919

Web site: www.tailift.com E-mail: insales@tailift.com.tw

DOC. S/N: DEB045 Edition:01

