



UT15-18P

1500 - 1750kg

Technical Specifications



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UT15-18P Specifications

Characteristics	1.1	Manufacturer		UTILEV	UTILEV	UTILEV	UTILEV
	1.2	Model designation		UT15P	UT15P	UT18P	UT18P
	1.3	Power: battery, diesel, LPG, electric mains		Diesel	LPG	Diesel	LPG
	1.4	Operation: manual, pedestrian, stand, seat, orderpicker		Seat	Seat	Seat	Seat
	1.5	Load capacity	Q (kg)	1500	1500	1750	1750
	1.6	Load centre	c (mm)	500	500	500	500
	1.8	Load distance	x (mm)	405	405	405	405
	1.9	Wheelbase	y (mm)	1400	1400	1400	1400
	Weights	2.1	Unladen weight	kg	2740	2740	2930
2.2		Axle loading with load front/rear	kg	3690/550	3690/550	4075/605	4075/605
2.3		Axle loading without load, front/rear	kg	1220/1520	1220/1520	1190/1740	1190/1740
Wheels and Tyres	3.1	Tyres: L = pneumatic, V = cushion, SE = superelastic		L	L	L	L
	3.2	Tyre size, front		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	3.3	Tyre size, rear		5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR
	3.5	Number of wheels, front/rear (X = driven)		2X/2	2X/2	2X/2	2X/2
	3.6	Track width, front	b10 (mm)	890	890	890	890
	3.7	Track width, rear	b11 (mm)	900	900	900	900
	Dimensions	4.1	Mast tilt, forward α /back β	degrees	6/12	6/12	6/12
4.2		Height of mast, lowered	h1 (mm)	1995	1995	1995	1995
4.3		Free lift ▲	h2 (mm)	155	155	155	155
4.4		Lift height ▲	h3 (mm)	3000	3000	3000	3000
4.5		Height of mast, extended +	h4 (mm)	3955	3955	3955	3955
4.7		Height to top of overhead guard ○	h6 (mm)	2130	2130	2130	2130
4.8		Seat height ✕	h7 (mm)	1015	1015	1015	1015
4.12		Towing coupling height	h10 (mm)	270	270	270	270
4.19		Overall length	l1 (mm)	3185	3185	3220	3220
4.20		Length to face of forks	l2 (mm)	2265	2265	2300	2300
4.21		Overall width, Std/Dual	b1/b2 (mm)	1080/1500	1080/1500	1080/1500	1080/1500
4.22		Fork dimensions	s/e/l (mm)	35/100/920	35/100/920	35/100/920	35/100/920
4.23		Fork carriage to DIN 15173. Class, A/B		IIA	IIA	IIA	IIA
4.24		Fork carriage width ▶	b3 (mm)	1080	1080	1080	1080
4.31		Ground clearance under mast, with load	m1 (mm)	95	95	95	95
4.32		Ground clearance at centre of wheelbase	m2 (mm)	130	130	130	130
4.33		Aisle width with pallets 1 000mm long x 1 200mm wide	Ast (mm)	3575	3575	3610	3610
4.34		Aisle width with pallets 800mm wide x 1 200mm long	Ast (mm)	3775	3775	3810	3810
4.35	Outer turning radius	Wa (mm)	1970	1970	2005	2005	
4.36	Inner turning radius	b13 (mm)	60	60	60	60	
Performance	5.1	Travel speed with/without load	km/h	14/14.5	14.5/15	14/14.5	14.5/15
	5.2	Lifting speed with/without load	m/sec	0.59/0.65	0.47/0.51	0.59/0.65	0.47/0.51
	5.3	Lowering speed with/without load	m/sec	0.52/0.47	0.52/0.47	0.52/0.47	0.52/0.47
	5.5	Drawbar pull with/without load, @ 1.6km/h	N	24750/8370	20100/8370	24750/8160	20100/8160
		Drawbar pull with/without load, @ 4.8km/h	N	19800/8370	17500/8370	19800/8160	17500/8160
	5.6	Maximum drawbar pull with/without load	N	17300/8370	25125/8370	17300/8160	25125/8160
	5.7	Gradeability with/without load, @ 1.6km/h	%	45/28	45/28	40/25	31/25
	5.8	Gradeability with/without load @ 4.8km/h	%	39/28	39/28	35/25	35/25
	5.9	Acceleration time with/without load	sec	14/9	14/9	14/9	14/9
	5.10	Service brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic
Engine	7.1	Engine manufacturer/type		YANMAR/4TNE92	GCT / K21	YANMAR/4TNE92	GCT / K21
	7.2	Engine output, in accordance with ISO1585	kW	32.8	31.5	32.8	31.5
	7.3	Governed speed	rpm	2450	2300	2450	2300
	7.4	Number of cylinders/displacement	cm3	4/2659	4/2065	4/2659	4/2065
	7.5	Fuel consumption in accordance with VDI cycle	l/h or kg/h	2.6	2.7	2.6	2.7
Other	8.1	Drive control		Automatic	Automatic	Automatic	Automatic
	8.2	Working pressure for attachments	bar	0-145	0-145	0-145	0-145
	8.3	Oil flow for attachments ●	l/min	50	50	50	50
	8.4	Average noise level at operator's ear ★	dB(A)	84	84	84	84
		Guaranteed sound power 2001/14/EC	dB	103	103	103	103
8.5	Towing coupling type		Pin	Pin	Pin	Pin	

★ LPAZ, measured according to the test cycles and based on the weighting values contained in EN12053

▲ Bottom of Forks

✕ Full suspension seat specified

+ Without load backrest

▶ Add 32mm with load backrest

○ h6 subject to +/- 5 mm tolerance. When full-suspension seat or cab is fitted, overhead guard height is raised by 60mm

● Variable

Specification data is based on VDI 2198, with the following configuration:

Complete truck with 3000mm 2-stage limited free lift mast, standard carriage and 920mm forks, overhead guard and standard pneumatic drive and steer tyres.

UT15-18P Mast Table

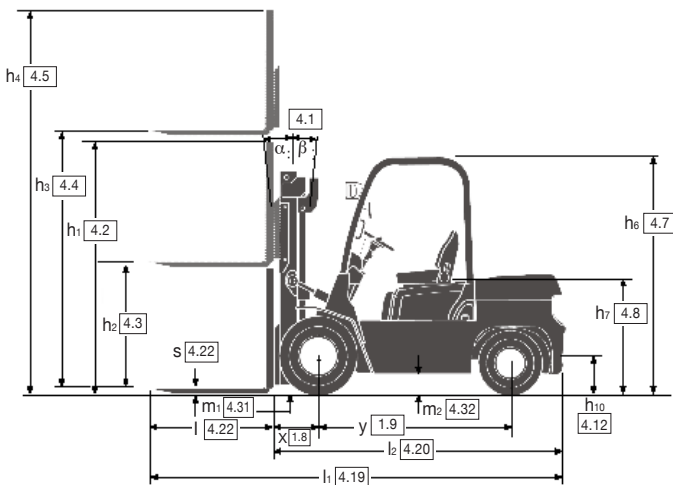
Mast Type	Maximum Fork Height (mm)	Lowered Height (mm)	Overall Extended Height		Free Lift		Mast tilt
			Without LBR (mm)	With LBR (mm)	Without LBR (mm)	With LBR (mm)	Forward/Back (deg)
2 Stage LFL	3000	1995	3585	3955	155	155	6/12
	3300	2145	3885	4255	155	155	6/12
	3600	2345	4185	4555	155	155	6/12
	4300	2745	4885	5255	155	155	6/6
	4500	2845	5085	5455	155	155	6/6
2 Stage FFL	3300	2160	3905	4255	1545	1215	6/12
3 Stage FFL	4500	2120	5130	5465	1510	1175	6/6
	4800	2235	5445	5755	1600	1290	6/6
	5500	2460	6120	6455	1850	1515	3/6

UT15-18P Capacity Table

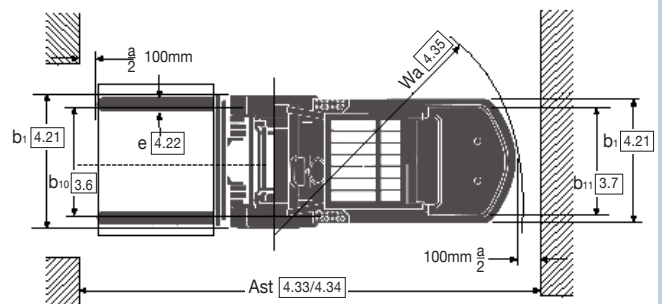
Capacity in kg with pneumatic or superelastic tyres

Mast Type	Maximum Fork Height (mm)	500mm Load Centre				600mm Load Centre			
		Without Integral Sideshift		With Integral Sideshift		Without Integral Sideshift		With Integral Sideshift	
		UT15P	UT18P	UT15P	UT18P	UT15P	UT18P	UT15P	UT18P
2 Stage LFL	3000	1500	1750	1400	1650	1350	1550	1250	1450
	3300	1500	1750	1400	1650	1350	1550	1250	1450
	3600	1500	1750	1400	1650	1350	1550	1250	1450
	4300	1350	1600	1250	1500	1200	1400	1100	1300
	4500	1350	1500	1200	1400	1150	1350	1050	1250
2 Stage FFL	3300	1500	1750	1400	1650	1350	1550	1250	1450
3 Stage FFL	4500	1250	1400	1150	1300	1100	1250	1000	1150
	4800	1200	1350	1100	1250	1050	1200	950	1100
	5500	800	850	700	750	700	750	600	650

Truck Dimensions



$A_{st} = Wa + x + l_6 + a$
 a = Minimum operating clearance of 200mm
 l_6 = Load length



Overview

Utility you can trust™

The UTILEV® range of affordable forklift trucks delivers reliable and cost-effective materials handling solutions for applications across many industries, particularly where users require equipment without advanced functionality or attachments.

The product range has been designed to be easy to operate and maintain, and is backed up by a standard warranty and comprehensive parts availability.

Furthermore, a network of experienced distributors is on-hand to provide maintenance and support, whenever it is required.

Simple to Use

The ergonomically designed operator compartment, with a familiar automotive layout means that drivers will be able

to work comfortably, preventing tiredness during handling operations.

A range of standard features and options help to ensure that the truck is configured to the needs of the application.

Easy to Maintain

Thanks to the simplicity of the components and specification, servicing can be carried out quickly and easily, even when PCs, laptops or diagnostic tools are not available

Affordable to Own

The use of proven, high quality, robust components, efficient filtration and excellent cooling result in reliable operation and lower wear and tear. This - together with the fast availability of cost-effective replacement parts - helps to reduce service and maintenance requirements and costs.

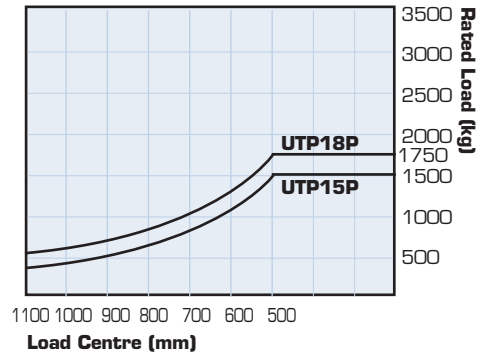
Rated Capacities

Load Centre

Distance from forks to centre of gravity of load.

Rated Load

Based on vertical masts as shown in VDI table.



Features

Standard Features Include:

- Engines: Yanmar 2.6L Diesel or GCT 2.1L LPG / Dual-Fuel
- Transmission: Powershift, 1-Speed
- Mast: 2-stage LFL 3000mm
- Carriage: 1000mm, Class II, for 2-stage LFL Mast
- Forks: 920 x 100 x 35mm, Class II
- Pneumatic Tyres: Drive 6.50-10-10PR
- Pneumatic Tyres: Steer 5.00-8-10PR
- Two Function Cowl Mounted Manual Lever - Lift/Tilt
- Forward / Reverse Directional Lever
- Three Pedal Layout with Mechanical Inching
- Non-Suspension Seat (Vinyl) with Seat Belt
- Steering Wheel with Spinning Knob
- Tilt Adjustable Steering Column
- Power Steering
- Manual Park Brake
- Key Switch Start
- Entry Grab Handle
- Dash Display: Fuel Gauge (Diesel/Dual-Fuel), LCD Hour Meter, Water Temperature / Oil Temperature / Transmission Oil Level Warning Lights
- Rear View Mirrors
- Load Backrest
- Mast Tilt - 6° Forward / 12° Back
- Strobe Light (magnetically mounted)
- Audible Reverse Alarm
- Light Kit - 2 x Front Work, 2 x Front Turn, Rear Turn/Tail/Brake/Reverse

- Counterweight Exhaust
- Radiator with Transmission Oil Cooler
- Cyclonic Air Filter
- Fixed Tank Bracket (LPG Trucks)
- Fuel Tank Capacity = 60L
- Toolbox
- Towing Pin
- Operator Manual
- 12 Months / 2000 Hours Manufacturer's Warranty

Options Include:

- Upswept Exhaust
- Muffler - LPG only with 3-way Catalyst
- Air Intake with Pre-cleaner
- 2-stage LFL Masts 3000-4500mm MFH (Class II)
- 2-stage FFL Mast 3300mm MFH (Class II)
- 3-stage FFL Masts 4500-5500mm MFH (Class II)
- Mast Tilt - 6° Forward / 6° Back or 3° Forward / 6° Back
- 1100mm Carriage
- 1070mm or 1150mm Forks
- Integral Sideshift or Integral Sideshift and Fork Positioner
- Valve & Hose Groups - 3 and 4 way
- Cab with Heater ○
- Cab without Heater ○
- Full Suspension Seat ○
- Rear Work Light
- Superelastic Drive and Steer Tyres

UTILEV®
THE UTILITY
LIFT TRUCK™

These trucks conform to current legislative requirements. Specification is subject to change without notice. Trucks shown with optional equipment.

Publication part no. U00002 Rev.03. Designed in The United Kingdom.
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