



UT80-100P

8,000 - 10,000kg

Technical Specifications



Utility you can trust™

www.utilev.com

UT80-100P Specifications

Characteristics	1.1	Manufacturer		UTILEV	UTILEV
	1.2	Model designation		UT80P	UT100P
	1.3	Power: battery, diesel, LPG, electric mains		Diesel	Diesel
	1.4	Operation: manual, pedestrian, stand, seat, orderpicker		Seat	Seat
	1.5	Load capacity	Q (kg)	8000	10000
	1.6	Load centre	c (mm)	600	600
	1.8	Load distance	x (mm)	714	726
	1.9	Wheelbase	y (mm)	2500	2800
	Weight	2.1	Unladen weight	kg	11300
2.2		Axle loading with load front/rear	kg	17330 / 1970	20940 / 2060
2.3		Axle loading without load, front/rear	kg	4530 / 6570	6040 / 6960
Wheels and Tyres	3.1	Tyres: L = pneumatic, V = cushion, SE = superelastic		L	L
	3.2	Tyre size, front		9.00-20-14PR	9.00-20-14PR
	3.3	Tyre size, rear		9.00-20-14PR	9.00-20-14PR
	3.5	Number of wheels, front/rear (X = driven)		4x / 2	4x / 2
	3.6	Track width, front	b10 (mm)	1628	1628
	3.7	Track width, rear	b11 (mm)	1700	1700
	Dimensions	4.1	Mast tilt, forward α /back β	degrees	6 / 12
4.2		Height of mast, lowered	h1 (mm)	2700	2850
4.3		Free lift ▲	h2 (mm)	200	200
4.4		Lift height ▲	h3 (mm)	3000	3000
4.5		Height of mast, extended	h4 (mm)	4210	4555
4.7		Height to top of overhead guard	h6 (mm)	2580	2580
4.8		Seat height ✕	h7 (mm)	1505	1505
4.12		Towing coupling height	h10 (mm)	505	505
4.19		Overall length	l1 (mm)	5404	5736
4.20		Length to face of forks	l2 (mm)	3904	4236
4.21		Overall width, Std/Dual	b1/b2 (mm)	2165	2165
4.22		Fork dimensions	s/e/l (mm)	75 x 160 x 1500	80 x 160 x 1500
4.24		Fork carriage width	b3 (mm)	2040	2040
4.31		Ground clearance under mast, with load	m1 (mm)	250	250
4.32		Ground clearance at centre of wheelbase	m2 (mm)	339	339
4.33		Aisle width with pallets 1 000mm long x 1 200mm wide	Ast (mm)	5544	5826
4.34		Aisle width with pallets 800mm wide x 1 200mm long	Ast (mm)	5744	6026
4.35		Outer turning radius	Wa (mm)	3630	3900
4.36	Inner turning radius	b13 (mm)	1327	1396	
Performance	5.1	Travel speed with/without load	km/h	32	31
	5.2	Lifting speed with/without load	m/sec	440	330
	5.3	Lowering speed with/without load	m/sec	455	455
	5.5	Drawbar pull with/without load, @ 1.6km/h	N	60000 / 45000	60000 / 49000
	5.6	Maximum drawbar pull with/without load	N	65000 / 45000	65000 / 49000
	5.7	Gradeability with/without load, @ 1.6km/h	%	26 / 23	22 / 20
	5.10	Service brake		Hydraulic	Hydraulic
Engine	7.1	Engine manufacturer/type		Cummins QSB4.5	Cummins QSB4.5
	7.2	Engine output, in accordance with ISO1585	kW	82	82
	7.3	Governed speed	rpm	2200	2200
	7.4	Number of cylinders/displacement	cm3	4 / 4500	4 / 4500
Other	8.1	Drive control		Automatic	Automatic
	8.2	Working pressure for attachments	bar	195	195
	8.3	Oil flow for attachments ●	l/min	180	180
	8.4	Average noise level at operator's ear ★	dB(A)	87	87
		Guaranteed Sound Power 2001/14/EC	dB	106	106
	8.5	Towing coupling type	litres	Pin	Pin
		Hydraulic Tank - capacity (drain & refill)	litres	190	202
		Fuel Tank - Capacity (Diesel-Powered Units Only)	mm	176	176
	Step Height: (from ground to running board)	mm	389	389	
	Step Height: (between intermediate steps between running board and floor)		369	369	

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

● Variable

▲ Bottom of forks

✕ Standard full suspension seat specified

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

Complete truck with 3000mm 2-stage limited free lift mast, standard carriage and 1500mm forks, overhead guard and standard pneumatic drive and steer tyres.

UT80P Mast Table

Mast Type	Maximum Fork Height (mm)	Lowered Height (mm)	Overall Extended Height	Free Lift	Mast Tilt
			Without LBR (mm)	Without LBR (mm)	Forward / Back (deg)
2 Stage LFL	3000	2700	4210	200	6/12
	3600	3000	4810	200	6/12
	4000	3200	5210	200	6/12
	4500	3500	5710	200	6/6
	6000	4300	7240	200	3/6

UT100P Mast Table

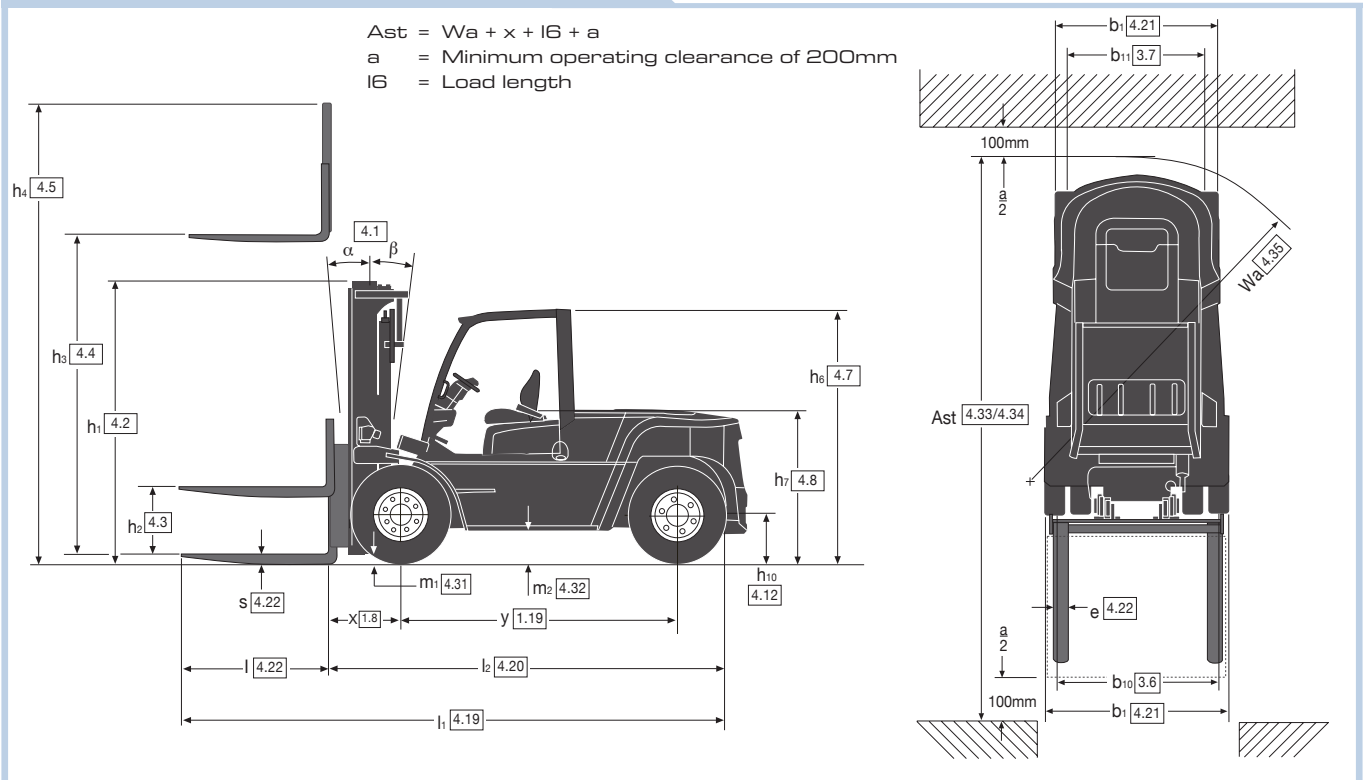
Mast Type	Maximum Fork Height (mm)	Lowered Height (mm)	Overall Extended Height	Free Lift	Mast Tilt
			Without LBR (mm)	Without LBR (mm)	Forward / Back (deg)
2 Stage LFL	3000	2850	4555	200	6/12
	3600	3150	5155	200	6/12
	4000	3350	5555	200	6/12
	4500	3650	6055	200	6/6
	6000	4450	7555	200	3/6

UT80-100P Capacity Table

Capacity in kg @ 600mm Load Centre

Mast Type	Maximum Fork Height (mm)	Dual Pneumatic Tyres / Dual Superelastic Tyres			
		Without Integral Sideshift or Fork Positioner		With Integral Sideshift or Fork Positioner	
		UT80P		UT100P	
2 Stage LFL	3000	8000	10000	7850	9850
	3600	8000	10000	7850	9850
	4000	8000	10000	7850	9850
	4500	8000	10000	7850	9850
	6000	7000	8000	6850	7850

Truck Dimensions



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 and 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.

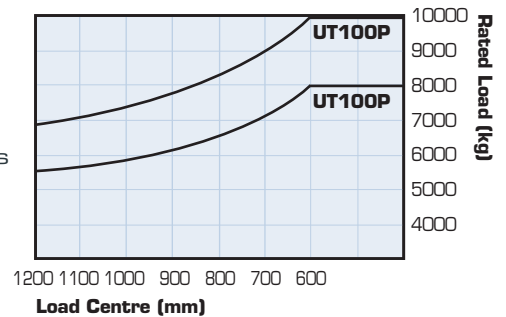
Rated Capacities

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:

- Engine: Cummins QSB 4.5L
- Transmission: Autoshift 2-Speed Forward, 2 Speed Reverse
- Mast: 2-Stage LFL 3000mm
- Carriage: 2040mm
- Forks: 1500 x 160 x 75mm
- Dual Pneumatic Tyres Drive: 9.00x20-14PR
- Pneumatic Tyres Steer: 9.00x20-14PR
- Two Function Cowl Mounted Manual Lever - Lift / Tilt
- 4 Way Valve
- Forward / Reverse Directional Lever
- 4 Way Hoses
- Manual Park Brake
- Drum Brakes
- Three Pedal Layout With Mechanical Inching
- Full Suspension Seat (Vinyl) with Seat Belt and Operator Presence System
- Steering Wheel with Spinning Knob
- Power Steering and Adjustable Steering Column
- Key Switch Start
- Entry Grab Handle
- Rear View Mirrors
- Mast Tilt: 6° Forward / 12° Back Tilt
- Strobe Light (magnetically mounted)
- Audible Reverse Alarm
- Light Kit: 2 x Front Work, 2 x Front Turn, 2xRear Turn, Stop / Brake / Reverse
- Upswept Exhaust

- Air Intake without Pre-cleaner
- Overhead Guard with Rain Cover
- Engine Hood Lock
- Mast Tilt Gaitor
- Fuel Gauge / Water Temperature / Oil Temperature / Transmission Oil Level / Hour Meter
- Counterweight Net
- Toolbox
- Towing Pin
- Operator Manual
- 12 Months / 2000 Hours Manufacturer's Warranty

Options

- 2-Stage LFL Masts up to 6000mm
- Mast Tilt: 6° Forward / 6° Back or 3° Forward / 6° Back
- Integral Sideshift with Fork Positioner
- Forks: 1800 x 165 x 80mm, 2400 x 165 x 80mm (8.0t) / 1800 x 160 x 85mm, 2400 x 160 x 85mm (10.0t)
- Counterweight Exhaust
- Air Intake with Pre-cleaner
- Cab with/without Heater
- Air Conditioning
- Front Screen with Wiper
- Rear Work Light
- Superelastic Drive and Steer Tyres

dealer logo here

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. U00065 Rev.00. Designed in The United Kingdom.
© NACCO Materials Handling Ltd 2015. All rights reserved.

UTILEV is a registered trademark. THE UTILITY LIFT TRUCK and UTILITY YOU CAN TRUST are trademarks in the United States and certain other jurisdictions. NACCO Materials Handling Limited, Centennial House, Frimley Business Park, Frimley, Surrey GU16 7SG, United Kingdom. Tel: + 44 (0) 1276 538500, Fax: + 44 (0) 1276 538559 www.utilev.com