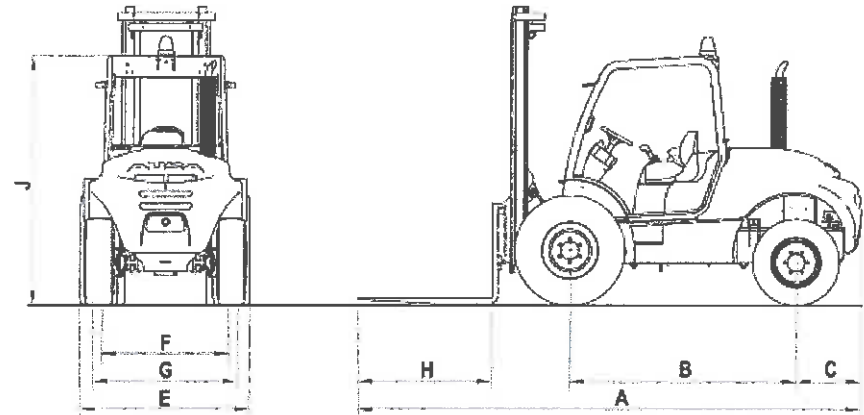




Technical Specifications

■ Dimensions (in)



DIMENSIONS	C300H	C300HI	C300H x4	C300HI x4	C350H	C350HI	C350H x4	C350HI x4
A	7ft 2in	7ft 2in	7ft 2in	7ft 2in	7ft 4in	7ft 4in	7ft 4in	7ft 4in
B	9in	9in	8in	8in	9in	9in	8in	8in
C	1ft	1ft	1ft	1ft	1ft 2in	1ft 2in	1ft 2in	1ft 2in
D	4ft 9in	4ft 9in	4ft 9in	4ft 9in	4ft 9in	4ft 9in	4ft 9in	4ft 9in
E (narrow axle)	5ft	5ft	5ft	5ft	5ft 9in	5ft 9in	5ft 9in	5ft 9in
E (wide axle)	6ft 1in	-	6ft 1in	-	6ft 3in	-	6ft 3in	-
F	11ft 5in	11ft 5in	15ft 5in	15ft 5in	11ft 5in	11ft 5in	15ft 5in	15ft 5in
G	9ft 4in	9ft 4in	9ft 10in	9ft 10in	9ft 4in	9ft 4in	9ft 10in	9ft 10in
I	4,1in	4,1in	4,1in	4,1in	4,1in	4,1in	4,1in	4,1in
J	1,1in	1,1in	1,1in	1,1in	1,1in	1,1in	1,1in	1,1in
K	2ft 5in	2ft 5in	2ft 5in	2ft 5in	2ft 5in	2ft 5in	2ft 5in	2ft 5in
L	14ft 9in	14ft 9in	14ft 9in	14ft 9in	14ft 9in	14ft 9in	14ft 9in	14ft 9in
M	1ft 11in	1ft 11in	1ft 11in	1ft 11in	1ft 11in	1ft 11in	1ft 11in	1ft 11in
N	6ft 4in	6ft 4in	6ft 4in	6ft 4in	6ft 4in	6ft 4in	6ft 4in	6ft 4in
O	3ft 11in	3ft 11in	3ft 11in	3ft 11in	3ft 11in	3ft 11in	3ft 11in	3ft 11in
P	51ft 11in	51ft 11in	22ft 3in	22ft 3in	51ft 11in	51ft 11in	22ft 3in	22ft 3in

■ Dimensions (mm)

DIMENSIONS	C300H	C300HI	C300H x4	C300HI x4	C350H	C350HI	C350H x4	C350HI x4
A	2200	2200	2200	2200	2240	2240	2240	2240
B	250	250	220	220	250	250	220	220
C	325	325	325	325	380	380	380	380
D	1460	1460	1460	1460	1460	1460	1460	1460
E (narrow axle)	1540	1540	1540	1540	1770	1770	1770	1770
E (wide axle)	1870	-	1870	-	1910	-	1910	-
F	3500	3500	4700	4700	3500	3500	4700	4700
G	2850	2850	3005	3005	2850	2850	3005	3005
I	120	120	120	120	120	120	120	120
J	50	50	50	50	50	50	50	50
K	750	750	750	750	750	750	750	750
L	4500	4500	4500	4500	4500	4500	4500	4500
M	600	600	600	600	600	600	600	600
N	1950	1950	1950	1950	1950	1950	1950	1950
O	1200	1200	1200	1200	1200	1200	1200	1200
P	5600	5600	6805	6805	5600	5600	6805	6805

Technical Specifications

■ Mast chart (in)

Type of mast	Maximum lifting height (mm)	Front axle	Free lift (mm)	Machine height with mast retracted (mm)			
				C300H C300HI	C350H C350HI	C300Hx4	C350Hx4
Dúplex (Std.)	10ft 10in	Narrow / Wide (op.)	4,1in	21ft 11in	8ft 9in	21ft 11in	8ft 9in
Dúplex	13ft 1in	Narrow / Wide (op.)	4,1in	9ft 9in	9ft 9,1in	9ft 9in	9ft 9,1in
Triplex (free lift)	12ft 1in	Narrow / Wide (op.)	3ft 11in	6ft 10in	6ft 10in	6ft 10in	6ft 10in
Triplex (free lift)	17ft 8in	Wide	5ft 6in	5ft 6in	5ft 7in	5ft 6in	5ft 7in
Triplex (free lift)	22ft 2in	Wide	7ft 6in	-	10ft 6in	-	10ft 6in

Type of mast	Machine height with mast extended (mm)		Load (Kg) at max. height					
	C300H C300HI C300H x4	C350H C350HI C350H x4	(a) C300H C300H x4 (narrow axle)	(b) C300HI (narrow axle)	(a) C300H C300H x4 (wide axle)	(b) C350H C350H x4 (narrow axle)	(a) C350HI (narrow axle)	(b) C350H C350H x4 (wide axle)
Dúplex (Std.)	14ft 9in	14ft 9in	9ft 11in	9ft 11in	9ft 11in	11ft 5in	11ft 5in	11ft 5in
Dúplex	17ft 1in	17ft 1in	7ft 5in	8ft 5in	7ft 5in	9ft 11in	9ft 11in	11ft 5in
Triplex (free lift)	16ft 1in	16ft 1in	7ft 11in	5ft 7in	7ft 11in	10ft 6in	10ft 6in	11ft 5in
Triplex (free lift)	61ft 11in	61ft 11in	-	4ft 3in	4ft 11in	--	4ft 11in	11ft 11in
Triplex (free lift)	-	25ft 7in	-	3ft 4in	-	-	3ft 11in	1ft 11in

■ Mast chart (mm)

Type of mast	Maximum lifting height (mm)	Front axle	Free lift (mm)	Machine height with mast retracted (mm)			
				C300H C300HI	C350H C350HI	C300Hx4	C350Hx4
Dúplex (Std.)	3300	Narrow / Wide (op.)	120	2600	2670	2600	2670
Dúplex	4000	Narrow / Wide (op.)	120	2950	2990	2950	2990
Triplex (free lift)	3700	Narrow / Wide (op.)	1200	2090	2130	2090	2130
Triplex (free lift)	5400	Wide	1680	2680	2700	2660	2700
Triplex (free lift)	6780	Wide	2280	-	3220	-	3220

Type of mast	Machine height with mast extended (mm)		Load (Kg) at max. height					
	C300H C300HI C300H x4	C350H C350HI C350H x4	(a) C300H C300H x4 (narrow axle)	(b) C300HI (narrow axle)	(a) C300H C300H x4 (wide axle)	(b) C350H C350H x4 (narrow axle)	(a) C350HI (narrow axle)	(b) C350H C350H x4 (wide axle)
Dúplex (Std.)	4500	4500	3000	3000	3000	3500	3500	3500
Dúplex	5200	5200	2250	2550	2250	3000	3000	3500
Triplex (free lift)	4900	4900	2400	2700	2400	3200	3200	3500
Triplex (free lift)	6600	6600	-	1300	1500	--	1500	1600
Triplex (free lift)	-	7820	-	1000	-	-	1200	600



Technical Specifications

■ Diesel engine

Four cylinders, four strokes, water-cooled. Electric starter. Mixed radiator (water/oil).

C300H / C300HI:

KUBOTA V2403-M - E3B

Power 49.6 HP (36.5 kw at 2,600 rpm in accordance with SAE J 1995 Norm).

C300H x4 / C300HI x4 / C350H / C350HI / C350H x4 / C350HI x4:

KUBOTA V3600T - E3B.

Power 66 CV (48.6 kw at 2,600 rpm in accordance with SAE J 1995 Norm).

See the engine instructions handbook.

■ Transmission

Hydrostatic system, with variable flow pump and inching function. Hydrostatic motor with variable flow.

Maximum operating pressure: 6092 psi. (420 bar).

4WD FullGrip® system on-demand with immediate engagement and disengagement device.

■ Directional control

The selection of the drive (forwards/ backwards) is made using a switch on the lower part of the joystick. A lamp in the shape of an arrow lights up on the top of it when a movement mode is selected.

■ Steering

Hydraulic powered with one double acting hydraulic cylinder on the rear axle.

Working pressure (all models): 2175 PSI (150 bar).

■ External turning circle

C300H: 11ft 5in (3500 mm)

C350H: 11ft 5in (3500 mm)

C300HI: 11ft 5in (3500 mm)

C350HI: 11ft 5in (3500 mm)

C300H x4: 15ft 5in (4700 mm)

C350H x4: 15ft 5in (4700 mm)

C300HI x4: 15ft 5in (4700 mm)

C350HI x4: 15ft 5in (4700 mm)

Technical Specifications

■ Wheels

Dimensions:

Dimensions		
	Front wheels	Rear wheels
C300H	12.5/80 - 18" (16PR)	27x10 - 12" (14PR)
C300HI	12.5/80 - 18" (16PR)	27x10 - 12" (14PR)
C300H x4	12.5/80 - 18" (16PR)	10.0/75 - 15,3" (18PR)
C300HI x4	12.5/80 - 18" (16PR)	10.0/75 - 15,3" (18PR)
C350H	16/70 - 20" (14PR)	27x10 - 12" (14PR)
C350HI	16/70 - 20" (14PR)	27x10 - 12" (14PR)
C350H x4	16/70 - 20" (14PR)	10.0/75 - 15,3" (18PR)
C350HI x4	16/70 - 20" (14PR)	10.0/75 - 15,3" (18PR)

Pressures:

Pressures		
	Front wheels	Rear wheels
C300H	5 ± 0,5 bar	6,5 ± 0,7 bar
C300HI	5 ± 0,5 bar	6,5 ± 0,7 bar
C300H x4	5 ± 0,5 bar	5 ± 0,5 bar
C300HI x4	5 ± 0,5 bar	6 ± 0,7 bar
C350H	3,5 ± 0,4 bar	6,5 ± 0,7 bar
C350HI	3,5 ± 0,4 bar	6,5 ± 0,7 bar
C350H x4	3,5 ± 0,4 bar	5 ± 0,5 bar
C350HI x4	3,5 ± 0,4 bar	5 ± 0,5 bar

■ Brakes

Service brake. Multidisc sealed hydraulic brake.

Parking brake. Multidisc sealed brake spring applied, hydraulically released.

■ Hydraulic circuit

Activated by double gear pump; one gear for the drive circuit and one for the hydraulic steering, connected to the hydrostatic pump of the transmission.

Pump flows:

Pump flows	
C300H	36/12 l/min a 1500 rpm
C300HI	
C300H x4	45/12 l/min a 1500 rpm
C300HI x4	
C350H	
C350HI	
C350H x4	
C350HI x4	

Monoblock control valve with two spools and selectable solenoid for side-shift.
 Restrictor valve to control the speed of the mast lowering with load.

Oil tank capacity: 22 US Gal (85 l.)

■ Working temperature

From 5°F to 104F. (From -15°C to 40°C)



Technical Specifications

■ Vibration and noise levels

Sound power level:

Warranty sound power (according to 2000/14/EC sound emissions in the environment by machinery for outdoor use):

- Lwa = 104 dB (A)

Sound pressure level on the operator's site:

A weighted sound pressure in the operator's ear measured (following norms EN 12053 and ISO 4871):

- Kubota V2403-M - E3B: Lpa = 82 dB (A)
- Kubota V3600T - E3B: Lpa = 84 dB (A)

Measurement uncertainty: 2,5 dB (A)

Vibration level produced by the machine:

Root-mean-square frequency-weighted, hand-arm vibration acceleration value:

< 2,5 m/s²

Root-mean-square frequency-weighted, whole body vibration acceleration value:

< 0,5 m/s²

■ Electrical equipment

Starter motor: Pre-heating spark plugs. Electrical starter 2,0 Kw. (V2403M-E3B engine) and 3.0 kW (V3600T-E3B engine).

480W alternator and regulator (V2403M-E3B engine) and 720W (V3600T-E3B engine) engine).

Battery: 12V / 110Ah (motor V2403M-E3B) y 12V / 92 Ah / 760A (V3600T-E3B engine).

Rotating beacon, horn, back-up alarm, engine oil pressure alarm, hydraulic oil level alarm, coolant temperature alarm.

■ Weights

Unladen weight (with full tanks):

C 300 H-HI: 12566 lb. (5700 kg.)

C 350 H-HI: 13228 lb. (6000 kg.)

C 300 H-HI x4: 12566 lb. (5700 kg.)

C 350 H-HI x4: 13228 lb. (6000 kg.)

Fully laden weight:

C 300 H-HI: 19180 lb. (8700 kg.)

C 350 H-HI: 20944 lb. (9500 kg.)

C 300 H-HI x4: 19180 lb. (8700 kg.)

C 350 H-HI x4: 20944 lb. (9500 kg.)

■ Load Capacity

With the load center of the load at 19,6 inches (500 mm) (see **LOAD CHARTS** In this manual)

C300H-HI / C300H-HI x4: 6614 lb. (3000 Kg.)

C350H-HI / C350H-HI x4: 7716 lb. (3500 Kg.)

With the load center at 24 inches (600 mm) (see **LOAD CHARTS** In this manual)

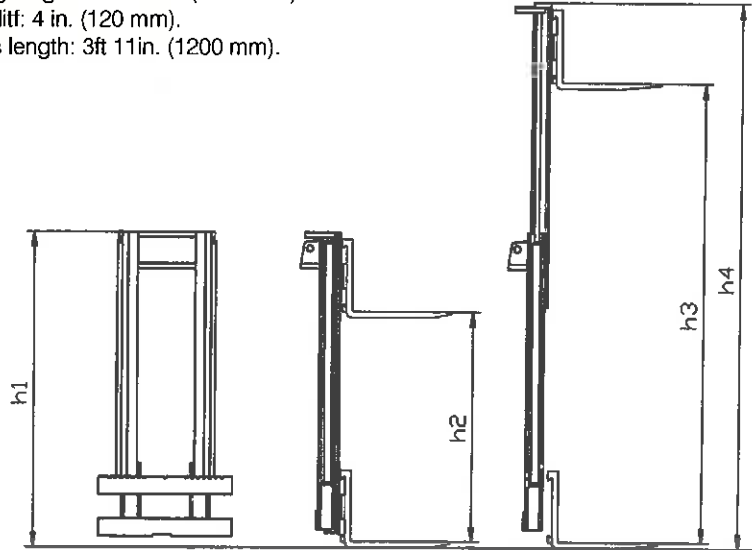
C300H-HI / C300H-HI x4: 6614 lb. (3000 Kg.)

C350H-HI / C350H-HI x4: 7716 lb. (3500 Kg.)

Technical Specifications

■ Standard mast

Side-shift 3ft 11in. (1200 mm) width
 Lifting height: 10ft. 10in. (3300 mm).
 Free lift: 4 in. (120 mm).
 Forks length: 3ft 11in. (1200 mm).



C300H / C300HI / C300H x4 / C300HI x4					
MAST	Lift height (mm)	h1 (mm)	h2 (mm)	h3 (mm)	h4 (mm)
DUPLEX	3300	2480	≥120	3250	≥4500
	4000	2830	≥120	3950	≥5200
TRIPLEX	3700	2130	≥1200	3650	≥4900
	5400	2698	≥1680	5350	≥6600

C300H / C300HI / C300H x4 / C300HI x4					
MAST	Lift height (in)	h1 (in)	h2 (in)	h3 (in)	h4 (in)
DUPLEX	10ft 10in	7ft 11in	≥4in	10ft 7in	≥14ft 9in
	13ft 1in	9ft 3in	≥4in	12ft 11in	≥17ft
TRIPLEX	12ft 2in	6ft 11in	≥3ft 11in	11ft 11in	≥16ft
	17ft 8in	8ft 10in	≥5ft 6in	17ft 6in	≥21ft 7in

C350H / C350HI / C350H x4 / C350HI x4					
MAST	Lift height (mm)	h1 (mm)	h2 (mm)	h3 (mm)	h4 (mm)
DUPLEX	3300	2480	≥120	3250	≥4500
	4000	2830	≥120	3950	≥5200
TRIPLEX	3700	2130	≥1200	3650	≥4900
	5400	2698	≥1680	5350	≥6600
	6850	3180	2200	6800	7780

C350H / C350HI / C350H x4 / C350HI x4					
MAST	Lift height (in)	h1 (in)	h2 (in)	h3 (in)	h4 (in)
DUPLEX	10ft 10in	7ft 11in	≥4in	10ft 7in	≥14ft 9in
	13ft 1in	9ft 3in	≥4in	12ft 11in	≥17ft
TRIPLEX	12ft 2in	6ft 11in	≥3ft 11in	11ft 11in	≥16ft
	17ft 8in	8ft 10in	≥5ft 6in	17ft 6in	≥21ft 7in
	22ft 5in	10ft 5in	7ft 2in	22ft 3in	25ft 6in

■ Fork carriage

Class FEM III.

■ Lifting speed

C300H	Without load: 0,42 m/sec. With load: 0,4 m/sec. Without load: 8 ft/min. With load: 7 ft/min
C300HI	
C300H x4	Without load: 0,48 m/sec. With load: 0,48 m/sec. Without load: 7 ft/min. With load: 7 ft/min
C300HI x4	
C350H	
C350HI	
C350H x4	
C350HI x4	



Technical Specifications

■ Lowering speed

C300H	Without load: 21 m/min. With load: 32,2 m/min Without load: 6 ft/min. With load: 10 ft/min
C300HI	
C300H x4	Without load: 21,6 m/min. With load: 34,8 m/min Without load: 7 ft/min. With load: 11 ft/min
C300HI x4	
C350H	
C350HI	
C350H x4	
C350HI x4	



WARNING



This forklift is not designed to travel with elevated load or with the mast tilted forward.
Do not tilt forward the mast with the forks elevated except to pick up or deposit the load.

■ Control panel

The controls, switches and warning lights are integrated in the steering column and below the joystick.

■ Lighting (*)

Work lighting equipment, steering indicators, parking lights and warning.

■ Overhead guard

Manufactured according with ISO 6055.



WARNING



The operator is protected by an overhead guard which complies with the ISO 3449 and ISO 3471 / ASME B56.6 standards. It provides protection against falling objects and together with the mast, provides protection should the forklift overturn. The seat belt is an important part of the safety system and should always be fastened before starting to operate the forklift. In the event of the forklift overturning, if the seat belt is not fastened the operator may suffer serious injury or even loss of life as a result of crushing from the forklift or even the overhead guard itself.

■ Aisle widths

See graph.

