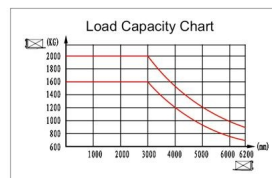
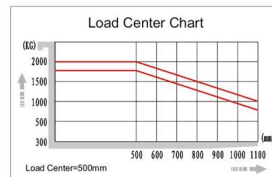


4-Directional Forklift

HULKMAN

Model: CSD16/20

CE Conforms to EN ISO3691-1
EN1175-1
EN16307-1
Based on Directive 2006/42/EC



Advantages:

- CSD 4-directional forklift has multiple functions. It can move forwards, backwards and sideways in both directions. Compared with ordinary forklift truck, CSD's most distinguishing and incomparable feature lies in its excellent flexibility, convenience and maneuverability, it is quite flexible when carrying long loads moving sideways.
- Motor & control system features a low noise, no pollution emission and is green and environment-friendly.
- Most advanced AC variable-frequency control system. AC motor provides the truck a more stable performance and quality, allows high efficiency, low energy consumption and motor maintain free.

- Adopt dual motor drive and double steering system, which allows the truck to drive forwards, backwards, sideways. The operator can freely select appropriate functions according to different working environment and situation.
- Shift between frontal and sideways travel, this function is controlled by prepared program of the electric control system. It has the power-on automatic detection function, if the truck is shut off or incident power failure occurs, the control system will do detection automatically while energizing again, and allow the truck restore to its original state in a very short time.
- Multi-function instrument displaying the battery power, work hour, fault self-diagnosing and alarm. Operator can know the truck conditions quickly, make trouble shooting and maintenance faster and easier.

Model		CSD16	CSD20
Drive		electric	electric
Operator type		seated	seated
Load capacity/rated load	Q(kg)	1600	2000
Load centre distance	c(mm)	500	500
Wheelbase	y(mm)	1300	1300
Tyre size, front	mm	φ 406x152	φ 406x152
Tyre size, rear	mm	15x4 1/2-8	15x4 1/2-8
Tread, front	b ₁ (mm)	1133	1133
Tilt of mast/fork carriage forward/backward (α / β)	°	3/5	3/5
Lift height	h ₂ (mm)	3000/3500/4000/4500/5000/6200	3000/3500/4000/4500/5000/6200
Free lift	h ₂ (mm)	~	~
Height, mast lowered	h ₁ (mm)	2090	2090
Height, mast extended	h ₁ (mm)	3800/4300/4800/5300/5800/7000	3800/4300/4800/5300/5800/7000
Overall length	l ₁ (mm)	2890	2940
Overall width	b ₁ (mm)	1622	1622
Fork dimensions	e ₁ (mm)	35/100/1070	40/120/1070
Distance between fork-arms	b ₂ (mm)	240-1360	240-1360
Fork-carriage width	b ₂ (mm)	1560	1560
Turning radius	W ₁ (mm)	1500	1540
Travel speed, laden/unladen	Km/h	10	10
Lift speed, laden/unladen	mm/s	240	200
Gradeability, laden/unladen	%	10	10
Battery voltage, nominal capacity K5	V/Ah	48/490	48/490
Battery weight	kg	900	900
Sound level at the driver's ear acc.to DIN 12053	dB(A)	<63	<63
Shaking	m/s ²	1.37	1.37
Service weight (with battery)	kg	3650	4300

