

CPD20

- Battery powered
- Capacity 2 tonne
- Four wheel
- ZF twin DC SEM motor, German
- ZAPI DC SEM controllers, Italy



HU-LIFT

FORKLIFT

Electric Forklift

Four wheel

Drive's Compartment

A large non-slip step and grad handles on both side makes driver access safe and easy.

The clear footwell, with large, simple pedals, gives enough footroom unlike battery-between-axle designs and the automotive style controls are intuitive, helping to reduce confusion and accidents.

Fork carriage design has been carefully optimised for good visibility at lorry bed height.

Well placed lights allow safe operation in dark areas and containers. Simple display keeps the driver informed of truck and battery states-without distraction.

State-of-the-art ZAPI SEM controller offers responsive, flexible operation.

Electrical system

The whole system is controlled by a state-of-the-art ZAPI high frequency MOSFET microprocessor, designed for 48 or 80 volt separately-excited-motors(SEM).

Over thirty characteristics can be modified to provide customised truck performance to match the type of load, the site conditions and the skill of the driver. Additionally, any management health and safety limits can be set.

The SEM system gives unmatched control on uneven surfaces and inclines.

ZAPI DC SEM controller, Italy

The ultimate in DC control is the ZAPI high frequency MOSFET microprocessor, coupled with separately excited motors (SEM) to give the truck smooth can be imposed and more than 30 performance characteristics can be adjusted. An excellent system for smaller trucks with a medium workload.

It is fully adjustable to suit the load, the working area and the operator, Inbuilt diagnostics record intermittent faults and service requirements reducing expensive service time.

ZAPI DC control originating in Italy.

More than thirty performance parameters can be adjusted to suit the type of load, congestion of the working area and skill of the driver.



90° steering system

Advanced steering system provides best manoeuvrable performance.



ZF twin DC SEM motor, German

The incorporation of ZF developed components, including finely engineered helical gears, assures low noise, high quality and a longer service life.

SEM drive motor provides more advanced control features. The ZAPI controller control the traveling, lifting, tilting and steering action.

Twin DC SEM motors are readily accessible from either the front or above, minimising service time.

Front-wheel drive through two drive motors incorporated in a compact axle.

Access to the state-of-the-art controllers is easy at mast height, helping to reduce servicing time.

Steering the "On-demand" hydraulic power steering, combined with drive-motor system, gives super maneuverability with low noise level and low energy consumption. The low steering force required, further enhances operator comfort.

Standard Feature

- Front wheel & Rear wheel solid tire
- High capacity storage battery
- Emergency disconnect switch
- Rubber floor mat
- Suspension seat
- 2 Spools control valve
- Locked spring gas
- Front combined lamp
- 3 meters 2-stage mast
- Adjustable steering controlled
- Rear combined lamp
- Beeper
- Toolbox and file folder
- Hour meter, self-diagnose indicator

Option Feature

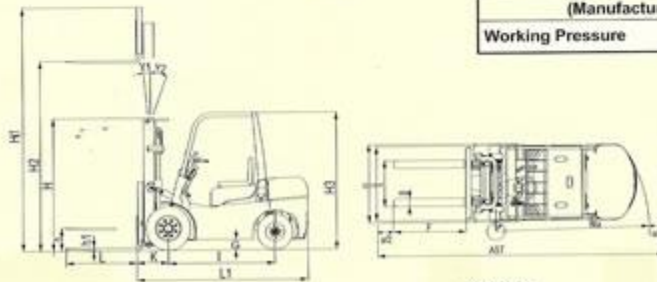
- 3 or 4 spools control valve
- 4.3-6 meters 3-stage mast
- 2.5-4.5 meters 2-stage mast
- With attachment
- Other dimensions fork
- Higher or wider backrest
- Higher capacity Cell Batteries

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Automatic easy controls.
 DC 48/80v SEM motor, ZF German made.
 High frequency MOSFET microprocessor for SEM motor, ZAPI, Italy.

HU-LIFT Equipment Co., LTD. constantly strive to develop and incorporate the latest technology in forklift design and technology to ensure that our products provide an optimum level of performance all the time. Our new generation CPD20 of forklift truly exemplifies this commitment to excellence.



AST=L+L1
 a=200 mm
 F: Loaded Length

Model		CPD20
Capacity	Q	2000kg
Load Center	C	500mm
Lifting Height	H2	3000mm
Free Lifting Height	h	150mm
Fork Size	h1xBxL	40x100x900mm
Tilting Angle (Front/Rear)	Y1/Y2	6.5° / 6.5°
Length to Fork	L1	2025mm
Overall Length	L1+L	3025mm
Overall Width	W	1120mm
Closed Mast Height	H	2085mm
Raised Mast Height	H1	3580mm
Height to Safeguard	H3	2000mm
Min. Turning Radius	Wa	1660mm
Overhang		355mm
Wheel Distance (Front /Rear)	D/d	912/926mm
Ground Clearance	G	90mm
Wheelbase	I	1465mm
Fork Width	A	200-1000mm
AST (pallet 800X1200) Lengthways		3480mm
(pallet 1000X1200) Crossways		3360mm
Traveling Speed (with load)		13Km/h
Traveling Speed (without load)		13Km/h
Lifting Speed (with load)		240mm/s
Lifting Speed (without load)		450mm/s
Gradeability (with load)		15%
(without load)		20%
Weight (with battery)		3250Kg
Front wheels x2		200/50-10
Rear wheels x2		15x4.5-8
Motor (Driven Motor x2)		5.5KW
(Pump Motor)		8.6KW
Battery		48V/600Ah
Controller (Type)		MOSFET
(Manufacturer)		ZAPI
Working Pressure		14.5MPa

Electric Forklift

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Frame

Vertical sides help the driver work safely with less damage, even in an area with low-level obstructions.

Thick chassis plates resist distortion, reduce damage and minimise refurbishment costs.

The wide mast and low console give an excellent view of the forks and the way ahead.

Well positioned lights ensure optimum vision to both the front and back-essential in containers.

Much attention has been given to the carriage design, with an integral full-vision side-shift. The cleverly machined structure of tensile steel bars and a double-ended hydraulic cylinder gives the max. view of the load and forks, coupled with variable speed side-shift.

The wide mast, low scuttle and high seating position gives the operator an excellent view of the forks and of the way ahead-reducing load damage and accidents.

An integral full-vision.



CPD20 Electric Forklift Mast

Type	Model	Fork Height	Overall Height		Free Lift	Tilt Range		Capacity
			Lowered	Extended	Extended	FED	RED	Load Capacity at 500 mm
				Without Backrest	Without Backrest			
		(mm)	(mm)	(mm)	(mm)	Deg	Deg	2.0T (tonne)
Wide View 2-stage Mast	WMT2030	3000	2085	3580	145	6.5	6.5	2.0
	WMT2033	3300	2235	3880	145	6.5	6.5	2.0
	WMT2035	3500	2335	4080	145	6.0	6.5	2.0
	WMT2037	3700	2435	4280	145	6.0	6.5	1.9
Wide View Full Free 3-stage Mast	WMT2040	4000	2585	4580	145	5.0	6.5	1.8
	WMT3045	4500	2085	5080	1375	4.0	6.5	1.6
	WMT3050	5000	2255	5580	1545	4.0	6.5	1.3
	WMT3055	5500	2490	6150	1780	3.5	6.5	1.0
	WMT3060	6000	2655	6650	1945	3.5	6.5	0.7