

# High Lift Electric Stacker

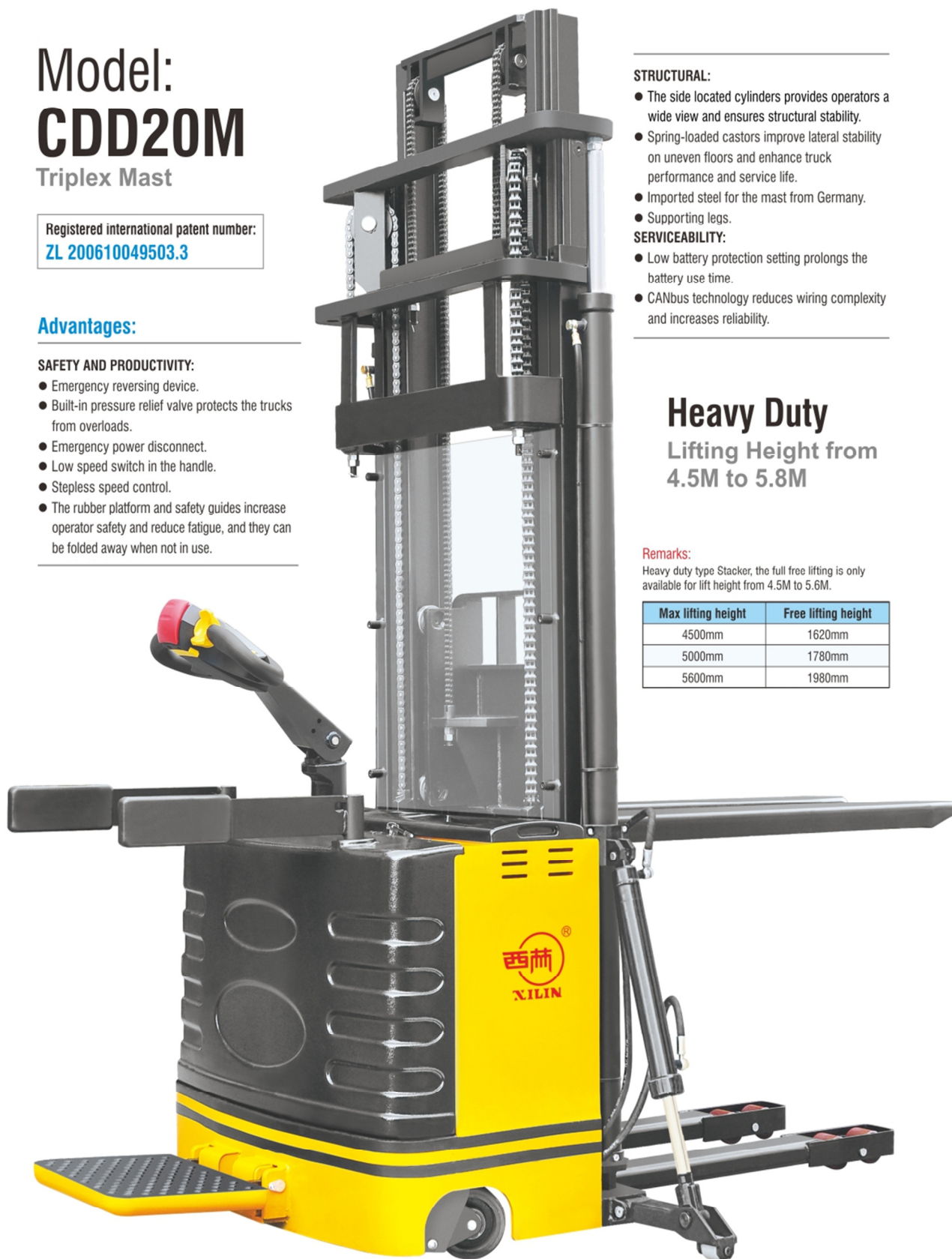
## Model: **CDD20M** Triplex Mast

Registered international patent number:  
**ZL 200610049503.3**

### Advantages:

#### SAFETY AND PRODUCTIVITY:

- Emergency reversing device.
- Built-in pressure relief valve protects the trucks from overloads.
- Emergency power disconnect.
- Low speed switch in the handle.
- Stepless speed control.
- The rubber platform and safety guides increase operator safety and reduce fatigue, and they can be folded away when not in use.



#### STRUCTURAL:

- The side located cylinders provides operators a wide view and ensures structural stability.
- Spring-loaded castors improve lateral stability on uneven floors and enhance truck performance and service life.
- Imported steel for the mast from Germany.
- Supporting legs.

#### SERVICEABILITY:

- Low battery protection setting prolongs the battery use time.
- CANbus technology reduces wiring complexity and increases reliability.

## Heavy Duty Lifting Height from 4.5M to 5.8M

#### Remarks:

Heavy duty type Stacker, the full free lifting is only available for lift height from 4.5M to 5.6M.

Max lifting height	Free lifting height
4500mm	1620mm
5000mm	1780mm
5600mm	1980mm



1KG=2.205LB 1INCH=25.40MM

MODEL		CDD20M			
Drive type		electric	electric	electric	electric
Operation type		standing	standing	standing	standing
<b>Load capacity</b>	<b>Q(kg)</b>	<b>2000</b>	<b>2000</b>	<b>2000</b>	<b>2000</b>
Load centre distance	c(mm)	500	500	500	500
Load distance, centre of drive axle to fork	x(mm)	870	870	870	870
Fork height, lowered	$h_{11}$ (mm)	90	90	90	90
Wheelbase	y(mm)	1357	1357	1357	1357
Axle loading, laden front/rear	kg	1512/1938	1574/2056	1579/2061	1591/2064
Axle loading, unladen front/rear	kg	1158/292	1299/331	1304/336	1316/339
Tyres		polyurethane	polyurethane	polyurethane	polyurethane
Tyre size, front	mm	$\phi$ 250x80	$\phi$ 250x80	$\phi$ 250x80	$\phi$ 250x80
Tyre size, rear	mm	$\phi$ 80x70	$\phi$ 80x70	$\phi$ 80x70	$\phi$ 80x70
Additional wheels(dimensions)	mm	$\phi$ 150x60	$\phi$ 150x60	$\phi$ 150x60	$\phi$ 150x60
Wheels, number front rear(x=driven wheels)		1x+2/4	1x+2/4	1x+2/4	1x+2/4
Tread, front	$b_{10}$ (mm)	886	886	886	886
Tread, rear	$b_{11}$ (mm)	525	525	525	525
Height, mast lowered	$h_1$ (mm)	2087	2337	2407	2507
<b>Max. lift height</b>	<b><math>h_2</math>(mm)</b>	<b>4500</b>	<b>5300</b>	<b>5500</b>	<b>5800</b>
Height, mast extended	$h_3$ (mm)	5055	5823	6033	6333
Overall length	$l_1$ (mm)	1955	1955	1955	1955
Length to face of forks	$l_2$ (mm)	805	805	805	805
Overall width	$b_1$ (mm)	1220.8-1630	1220.8-1630	1220.8-1630	1220.8-1630
Fork dimensions	s/e/l(mm)	60/170/1070(1150)	60/170/1070(1150)	60/170/1070(1150)	60/170/1070(1150)
Width overall forks	$b_3$ (mm)	580/695	580/695	580/695	580/695
Ground clearance, centre of wheelbase	$m_1$ (mm)	21	21	21	21
Aisle width for pallets 1000x1200 crossways	$A_{10}$ (mm)	2464	2464	2464	2464
Aisle width for pallets 800x1200 lengthways	$A_{11}$ (mm)	2401	2401	2401	2401
Turning radius	$W_1$ (mm)	1629	1629	1629	1629
Travel speed, laden/unladen	Km/h	4.5/5.6	4.5/5.6	4.5/5.6	4.5/5.6
Lift speed, laden/unladen	m/s	0.09/0.11	0.09/0.11	0.09/0.11	0.09/0.11
Lowering speed, laden/unladen	m/s	0.12/0.09	0.12/0.09	0.12/0.09	0.12/0.09
Max. gradeability, laden/unladen	%	5/10	5/10	5/10	5/10
Service brake		Electromagnetic	Electromagnetic	Electromagnetic	Electromagnetic
Battery voltage,nominal capacity $K_5$	V/Ah	24/275	24/275	24/275	24/275
Battery weight	kg	268	268	268	268
Battery dimensions l/w/h	mm	968x206x505	968x206x505	968x206x505	968x206x505
Sound level at the driver's ear acc. to DIN 12053	dB(A)	70	70	70	70
Service weight(with battery)	kg	1450	1630	1640	1655

