

Straddle Stacker

Conda

Technical Information

Drive Train And Steering

- Heavy Duty 24V vertically mounted Drive Motor with sealed bearings provides a powerful traction system.
- Super Quiet Direct Drive Transmission with large roller bearing is oiled for life.
- Sep Ex control system provides smooth acceleration and energy saving dynamic braking. Optional AC control system with high traction performance is also available.
- The drive motor, transmission, brakes and drive wheel are coupled to the new ergonomic Control Handle.
- The complete Drive and Steering system is securely mounted within the truck chassis for maximum protection.

Structural

- The welded chassis incorporates the drive train and battery storage.
- Special I Beam Mast Section provides strength and rigidity.
- The fork carriage is an integrally welded unit, fully roller to ensure smooth long wearing performance.
- Easily accessible lubrication points provide easy preventive maintenance for greater reliability and longer service life.

Hydraulic System

- Full system filtration is provided on the input side of the lift pump to prevent contaminants entering the hydraulic system.
- Built in pressure relief valve protects the system from overloads.
- A heavy duty gear pump drives the single acting lift cylinder with chrome plated ram providing smooth lift and lower with minimal power consumption.

Electrical System

- 24V system powered by 210AH or 27AH Traction Battery.
- The Curtis Sep Ex transistorized programmable Control System with Multimode allows infinite control of machine functions.
- Benefits include smooth speed response, increased usable battery energy per charge, extended motor life and regenerative braking.
- Multimode allows parameters for acceleration, speed, deceleration and current limits to be set for both operating modes.
- Key Lock Ignition incorporates emergency Power OFF.
- Forward / Reverse Direction, Horn and Lift / Lower Controls are housed in the Control Handle.
- Optional Power steering available for ease of operation.
- Optional High performance, low maintenance AC drive through reliable US manufactured Curtis inverter controller

Options

- Hazzard Light & Beeper
- Flame Proofing



Wheels

Polyurethane - Quick Change Type

Drive: 230mm dia x 75mm

Load:

Wide Straddle: 125mm dia. x 75mm

Rigid Fork Units: 80mm dia. x 60mm

Travel, Lift and Lower Speeds

Travel Speed: Empty - up to 4.5kph
Laden - up to 3.5kph

Lift Speed : Empty - up to 13.5mt per min
Laden - up to 5.3mt per min

Lowering: Empty

Speed : Low 4.9mt per min
Medium 9.3mt per min
High 12.6mt per min

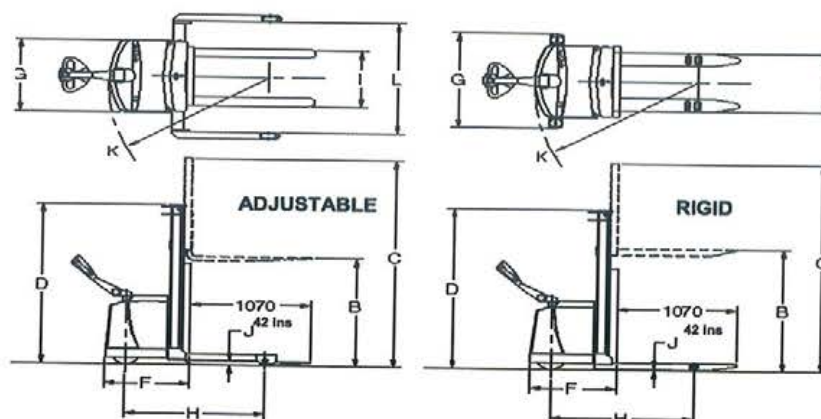
Laden

Low 5.4mt per min
Medium 9.8mt per min
High 14.2mt per min

Safety Features

- Certified to operate from tropical to cold room conditions
- Dynamic Braking
- Wide view mast
- Belly button reversing switch
- Ergonomically safe butterfly type speed controls
- Deadman braking applies brake and cuts power
- Wrap around hand guards
- Emergency power disconnect
- Key lock safety ignition
- Electronic overload protection.
- Hydraulic overload protection
- Smart Charger
- Automatic high speed cut out when forks are raised above 1800mm

Mast	Model	Fork Type	Two Stage		Three Stage		
Lift Height M	Conda		0.0 - 2.5	0.0 - 3.5	0.0 - 2.5	2.5 - 3.5	3.5 - 4.5
A. Capacity @ 600 mm L.C.	Conda 1300	ADJ	1300 kg	1300 kg	—	—	—
	Conda 1300	RIGID	1300 kg	1000 kg	—	—	—
	Conda 1500	ADJ	—	—	1500 kg	1500 kg	1300 kg
	Conda 1500	RIGID	—	—	1500 kg	1000 kg	1000 kg
B. Lift Height			3500 mm		4500 mm		
C. Extended Height		ADJ	4590 mm		5590 mm		
with load backrest		RIGID	4590 mm		5590 mm		
D. Collapsed height		All Models	2335 mm		2080 mm		
E. Free Lift		All Models	0		1600 mm		
F. Chassis Length		All Models	765 mm		765 mm		
G. Chasis Width		ADJ			850 mm		
		RIGID			765 mm		
H. Wheelbase		All Models			1307 mm		
I. Carriage Width		ADJ			810 mm		
		RIGID			Fixed		
J. Ground Clearance		All Models			30 mm		
K. Turning Radius		All Models			1482 mm		
L. Straddle I.D - O.D.		ADJ			1270 / 1470 mm		
		RIGID			280 / 650 mm		
M. Weight less battey		All Models	855 kg		844 kg		
N. Battery Compartment size		All Models			650 x 250 x 560 mm		
Right Angle Stack Aisle		All Models			Dimension F Plus Load Length Plus 100 mm		



For more information on our Product and Services please call:



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