



# S22

## Walkie Straddle Stacker

**NARROW AISLE STACKER, GENERAL MATERIAL HANDLING, STACKING, WORK POSITIONING IN TIGHT AREAS. STEP-UP FROM MANUAL PUSH STACKER**

### CAPACITY

1000kg @ 600mm Load Center

### INTEGRAL BATTERY / CHARGER

(2) 12V 85AH maintenance free batteries.

110V smart charger @15A

### SPEED

#### TRAVEL

Variable from 0 to 5.5 km/h empty

Variable from 0 to 4 km/h loaded

#### LIFT

Up to 0.2 m/s empty.

Up to 0.1m/s loaded

#### LOWERING

Up to 0.1 m/s empty

Up to 0.1 m/s loaded

### TIRES / WHEELS

#### DRIVE

210x70 polyurethane

#### STABILITY

100x50 polyurethane

#### TANDEM LOAD

(2) 100x50polyurethane

### HYDRAULICS

Lift cylinder is hard chrome. Permanent magnet pump motor and chrome plated lift cylinder provides smooth lifting and lowering. Pump unit includes DC motor, solenoid, and gear pump.

### DRIVE

24-Volt permanent magnet DC drive motor with rare earth neodymium magnets increases efficiency and duty cycle.

### ELECTRICAL

**Curtis** travel control provides smooth step less travel. Quick disconnect EPD power cut off and battery discharge indicator are standard equipment.

### BRAKES

Electro-magnetic disc brake.



### TILLER ARM CONTROLS

Offset steering arm provides excellent line of sight for operators. Right angle stacking in aisles as narrow as 1524mm.

Travel, lift, and lower functions are located in the ergonomic operator handle. All operator controls are accessible without having to lift the hand from the handle.

Angle grips are designed to allow easy operation with either hand. Wrap around guard, reversing switch, thumb control, and horn are standard. Low mounted tiller arm offers excellent operator comfort and minimum steering effort.

### FRAME AND MAST

All steel construction welded rigid steel chassis for added durability. Adjustable forks on ITA style carriage. Forks are adjustable from 203mm to 749mm OD. Standard fork is 1070mm long x 102mm wide x 38mm thick. S22-62 non-telescoping mono mast with single lifting chain, adjustable mast rollers. Chrome plated lift cylinder provides smooth lift/lower operation and long life.

Three inch wide adjustable straddle legs for ease of operation in racked aisles. Four position adjustment allows for preset outrigger dimensions to fit various sized pallets. Straddle leg inside dimension (ID) can be set at 965mm to 1270mm in 102mm increments.

Fully enclosed wheel guard and flush mounted axles prevent wheel and axle damage during normal use.

### SERVICEABILITY

Removable one piece power head cover allows for easy maintenance.

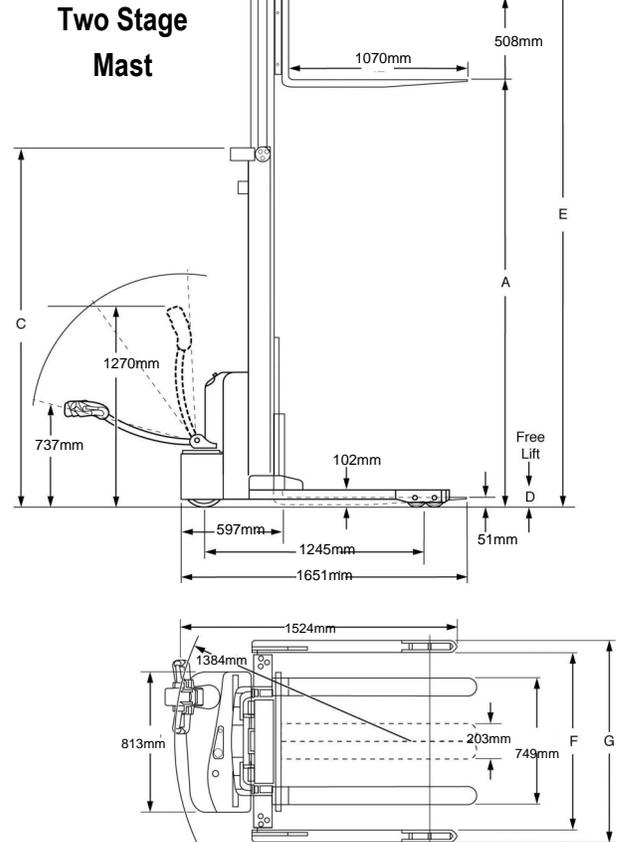
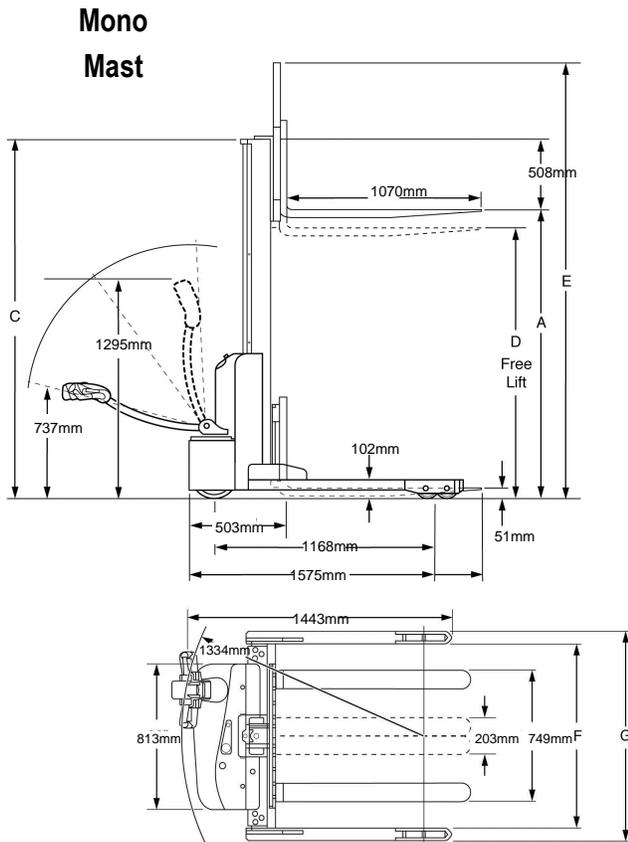
### OPTIONAL BATTERY UPGRADE

- 85AH available on model S22-62
- Hand held remote lift & lower control box with 915 mm coiled cord



### TWO STAGE MAST

S22-96/116 telescoping high visibility mast and inner rail, clear view Plexiglas mast guard, dual lifting chains, adjustable mast rollers. Chrome plated lift cylinder provides smooth lift/lower operation.

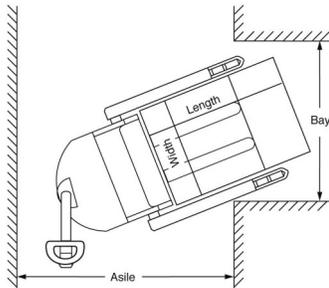


### Aisle Guide

S22-62- Right Angle Stacking

Load Width	Load Length		
	915mm	1016mm	1220mm
915mm	1455	1455	1455
1016mm	1461	1488	1488
1220mm	1600	1600	1600

For ease of use add 203mm to aisle dimension listed



Aisle dimensions listed above assume the minimum bay width to be straddle OD plus 127mm (64mm on each either side of straddle leg). Straddle OD is the load width plus 203mm. Truck performance may vary due to application requirements and changes in model design.

Add 99mm to aisle for models S22-96 and S22-116 with two stage telescopic masts.

Model #	Mast	Lift Height	Col Height	Free Lift	Ext Height w/LBR	Adjustable Straddle Leg 102mm Increments		<sup>3</sup> Weight Complete
		A	C	D	E	F ID	G OD	
<b>1000 Capacity @ 600mm Load Center ITA Class II Fork Carriage</b>								
S22-62	Mono	1575	1943	1422	2496	965-1270	1118-1422	544
S22-96	Two Stage	2438	1842	0	3353	965-1270	1118-1422	658
S22-116	Two Stage	2946	2096	0	3861	965-1270	1118-1422	680

<sup>3</sup> Complete weight includes truck, battery and charger