COMBi-CS

Counter-balanced Stacker

Equipped with our patented multi-position tiller arm the Combi-CS offers safer operation, maximum operator visibility and narrow aisle performance.



COMBilift

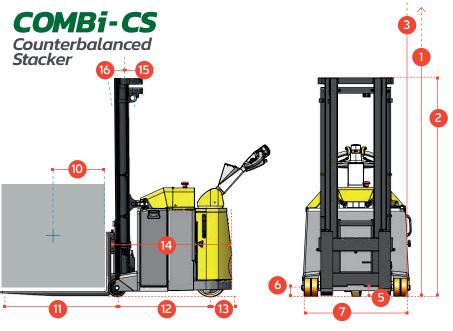
Patented Multi-Position Tiller Arm

COMBILIFT

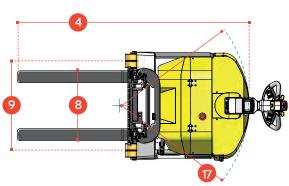








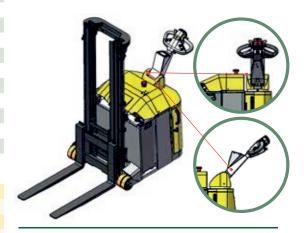
With a load capacity of 1000kg @ 500mm the Combi-Counterbalanced Stacker (Combi-CS)can work in the smallest operating aisles.



| REF. DESCRIPTION 1 Max. Lift Height 2 Height Mast Closed 3 Max. (Mast raised) 3 Ji50 mm 4 Overall Length 5 Ground Clearance Under Mast 6 Ground Clearance to Centre of 7 Width 8 Outside Spread of Fork Arms 9 Track Front 10 Load Centre Distance 11 Overhang Front 12 Wheelbase 13 Overhang Back 14 Length From Face of Fork 15 Fork Backward Tilt 16 Fork Forward Tilt 17 Minimum Outside Radius 1875 mm 1265 mm 1276 max 13 Okapacity 14 Capacity 15 Ground Clearance to Centre of 16 Ground Clearance to Centre of 17 Monimum Ground Speed 18 Ground Clearance to Centre of 18 Ground Clearance to Centre of 19 Gradeability 10 Max. (Mast raised) 2000 mm 2150 mm 2300 mm 2400 mm 2500 mm 2500 mm 2600 mm 2745 mm 2600 mm 2750 mm 2700 | | | | | |
|--|------|-----------------------------|-------------------------|---------------|---------|
| 1 Max. Lift Height 2500 mm 2 Height Mast Closed 3150 mm 3 Max. (Mast raised) 3150 mm 4 Overall Length 2000 mm 2150 mm 2300 mm 5 Ground Clearance Under Mast 80 mm 6 Ground Clearance to Centre of Wheelbase 50 mm 7 Width 890 mm 8 Outside Spread of Fork Arms 620 mm 9 Track Front 745 mm 10 Load Centre Distance 500 mm 11 Overhang Front 1035 mm 12 Wheelbase 790 mm 940 mm 1090 mm 13 Overhang Back 175 mm 14 Length From Face of Fork 1050 mm 1200 mm 1350 mm 15 Fork Backward Tilt 2° 17 Minimum Outside Radius 965 mm 1115 mm 1265 mm A Capacity 1000 kg 1250 kg 1500 kg B Unladen Weight 2300 kg 2350 kg 2400 kg C Maximum Ground Speed 6 km/h D Gradeability 5% E Battery Capacity 24 V / 375 Ah F Fork Section 35 mm x 100 mm x 950 mm G Front Tyre (Polyurethane) OD 150 mm / Width 75 mm I Standard Colour Yellow & Grey J AC Electric Traction Motor 24 V / 2.5 kW | REF. | DESCRIPTION | Standard | Opt | ion |
| 2 Height Mast Closed 3 Max. (Mast raised) 4 Overall Length 5 Ground Clearance Under Mast 6 Wheelbase 7 Width 8 Outside Spread of Fork Arms 9 Track Front 10 Load Centre Distance 11 Overhang Front 12 Wheelbase 13 Overhang Back 14 Length From Face of Fork 15 Fork Backward Tilt 16 Fork Forward Tilt 17 Minimum Outside Radius 1875 mm 1965 mm 1100 kg 1200 kg 1500 | | | | | |
| 3 Max. (Mast raised) 3150 mm 4 Overall Length 2000 mm 2150 mm 2300 mm 5 Ground Clearance to Centre of Wheelbase 80 mm 80 mm 6 Width 890 mm 620 mm 9 Track Front 745 mm 620 mm 10 Load Centre Distance 500 mm 10 Load Centre Distance 500 mm 10 Load Centre Distance 1035 mm 1090 mm 1090 mm 1090 mm 1090 mm 13 Down 1090 mm 1090 mm 1350 mm 12 Month Minimal Mi | 2 | 3 | 1875 mm | | |
| 5 Ground Clearance Under Mast 6 Ground Clearance to Centre of Wheelbase 7 Width 8 Outside Spread of Fork Arms 9 Track Front 10 Load Centre Distance 11 Overhang Front 12 Wheelbase 13 Overhang Back 14 Length From Face of Fork 15 Fork Backward Tilt 16 Fork Forward Tilt 17 Minimum Outside Radius 18 Unladen Weight 19 Gradeability 10 Gradeability 10 Gradeability 10 Grove Section 10 Smm 10 Standard Colour 10 Smm 10 Standard Colour 10 Smm 10 Standard Speed 10 Smm 10 Standard Colour 10 Sp mm 10 S | 3 | _ | | 3150 mm | |
| 6 Ground Clearance to Centre of Wheelbase 7 Width 890 mm 8 Outside Spread of Fork Arms 620 mm 9 Track Front 745 mm 10 Load Centre Distance 500 mm 11 Overhang Front 1035 mm 12 Wheelbase 790 mm 940 mm 1090 mm 13 Overhang Back 175 mm 14 Length From Face of Fork 1050 mm 1200 mm 1350 mm 15 Fork Backward Tilt 5° 16 Fork Forward Tilt 2° 17 Minimum Outside Radius 965 mm 1115 mm 1265 mm A Capacity 1000 kg 1250 kg 1500 kg B Unladen Weight 2300 kg 2350 kg 2400 kg C Maximum Ground Speed 6 km/h D Gradeability 5% E Battery Capacity 24 V / 375 Ah F Fork Section 35 mm x 100 mm x 950 mm G Front Tyre (Polyurethane) OD 150 mm / Width 75 mm H Rear Tyre (Vulkollan) OD 250 mm / Width 75 mm I Standard Colour Yellow & Grey J AC Electric Traction Motor | 4 | Overall Length | 2000 mm | 2150 mm | 2300 mm |
| Wheelbase 7 Width 8 Outside Spread of Fork Arms 9 Track Front 10 Load Centre Distance 11 Overhang Front 12 Wheelbase 13 Overhang Back 14 Length From Face of Fork 15 Fork Backward Tilt 16 Fork Forward Tilt 17 Minimum Outside Radius 17 Minimum Ground Speed 18 Unladen Weight 19 Gradeability 10 Gradeability 20 Gront Tyre (Polyurethane) 10 Cutside Spread of Fork 10 Somm 10 Date of Fork 10 Somm 11 Deportment 10 Deportment 10 Deportment 10 Deportment 10 Deportment 10 Deportment 11 Deportment 12 Deportment 13 Deportment 13 Deportment 14 Length From Face of Fork 10 Deportment 15 Deportment 16 Deportment 16 Deportment 17 Deportment 18 Deportment 18 Deportment 19 Deportment 10 | 5 | Ground Clearance Under Mast | | 80 mm | |
| 8 Outside Spread of Fork Arms 9 Track Front 10 Load Centre Distance 11 Overhang Front 12 Wheelbase 13 Overhang Back 14 Length From Face of Fork 15 Fork Backward Tilt 16 Fork Forward Tilt 17 Minimum Outside Radius 18 Unladen Weight 19 Gradeability 10 Gradeability 20 Maximum Ground Speed 24 V / 375 Ah 5 Fork Section 35 mm x 100 mm x 950 mm 6 Front Tyre (Polyurethane) 10 Capacity Fork Section 10 | 6 | | | 50 mm | |
| 9 Track Front 745 mm 10 Load Centre Distance 500 mm 11 Overhang Front 1035 mm 12 Wheelbase 790 mm 940 mm 1090 mm 13 Overhang Back 175 mm 1200 mm 1350 mm 14 Length From Face of Fork 1050 mm 1200 mm 1350 mm 15 Fork Backward Tilt 2° 16 Fork Forward Tilt 2° 17 Minimum Outside Radius 965 mm 1115 mm 1265 mm A Capacity 1000 kg 1250 kg 1500 kg B Unladen Weight 2300 kg 2350 kg 2400 kg C Maximum Ground Speed 6 km/h 5% E Battery Capacity 5% 24 V / 375 Ah F Fork Section 35 mm x 100 mm x 950 mm Ground Tyre (Polyurethane) OD 150 mm / Width 55 mm H Rear Tyre (Vulkollan) OD 250 mm / Width 75 mm I Standard Colour Yellow & Grey J AC Electric Traction Motor 24 V / 2.5 kW | 7 | Width | 890 mm | | |
| 10 Load Centre Distance 500 mm 11 Overhang Front 1035 mm 12 Wheelbase 790 mm 940 mm 1090 mm 13 Overhang Back 175 mm 14 Length From Face of Fork 1050 mm 1200 mm 1350 mm 15 Fork Backward Tilt 2° 17 Minimum Outside Radius 965 mm 1115 mm 1265 mm A Capacity 1000 kg 1250 kg 1500 kg B Unladen Weight 2300 kg 2350 kg 2400 kg C Maximum Ground Speed 6 km/h 5% E Battery Capacity 5% 24 V / 375 Ah F Fork Section 35 mm x 100 mm x 950 mm G Front Tyre (Polyurethane) OD 150 mm / Width 55 mm H Rear Tyre (Vulkollan) OD 250 mm / Width 75 mm I Standard Colour Yellow & Grey J AC Electric Traction Motor 24 V / 2.5 kW | 8 | Outside Spread of Fork Arms | | | |
| 11 Overhang Front 12 Wheelbase 13 Overhang Back 14 Length From Face of Fork 15 Fork Backward Tilt 16 Fork Forward Tilt 17 Minimum Outside Radius 18 Unladen Weight 19 Gradeability 10 Gradeability 20 Maximum Ground Speed 2300 kg 2350 kg 2400 kg 24 V / 375 Ah 24 V / 375 Ah 35 mm x 100 mm x 950 mm 4 Rear Tyre (Vulkollan) 4 Capacity 5 Control Tyre (Polyurethane) 6 Grey 790 mm 7940 mm 1090 mm 1090 mm 1250 mm 1150 mm 1265 mm 1115 mm 1265 mm 11500 kg 2300 kg 2350 kg 2400 kg 2350 kg 2400 kg 24 V / 375 Ah 24 V / 375 Ah 35 mm x 100 mm x 950 mm 40 Midth 55 mm 40 OD 150 mm / Width 75 mm 41 Standard Colour 42 V / 2.5 kW | 9 | Track Front | 745 mm | | |
| 12 Wheelbase 790 mm 940 mm 1090 mm 13 Overhang Back 175 mm 14 Length From Face of Fork 1050 mm 1200 mm 1350 mm 15 Fork Backward Tilt 5° 16 Fork Forward Tilt 2° 17 Minimum Outside Radius 965 mm 1115 mm 1265 mm A Capacity 1000 kg 1250 kg 1500 kg B Unladen Weight 2300 kg 2350 kg 2400 kg C Maximum Ground Speed 6 km/h D Gradeability 5% E Battery Capacity 24 V / 375 Ah F Fork Section 35 mm x 100 mm x 950 mm G Front Tyre (Polyurethane) OD 150 mm / Width 55 mm H Rear Tyre (Vulkollan) OD 250 mm / Width 75 mm I Standard Colour Yellow & Grey J AC Electric Traction Motor 24 V / 2.5 kW | 10 | Load Centre Distance | 0001111111 | | |
| 13 Overhang Back 14 Length From Face of Fork 15 Fork Backward Tilt 16 Fork Forward Tilt 17 Minimum Outside Radius 18 Unladen Weight 19 Gradeability 19 Gradeability 20 Maximum Ground Speed 2300 kg 2350 kg 2400 kg 2400 kg 24 V / 375 Ah 24 V / 375 Ah 35 mm x 100 mm x 950 mm 35 mm x 100 mm x 950 mm 4 Rear Tyre (Vulkollan) 4 Capacity 5 Capacity 6 Capacity | 11 | Overhang Front | | 1035 mm | |
| 14 Length From Face of Fork 15 Fork Backward Tilt 16 Fork Forward Tilt 17 Minimum Outside Radius 18 Unladen Weight 19 Gradeability 19 Gradeability 20 Maximum Ground Speed 20 Maximum Ground Speed 35 mm x 100 mm x 950 mm G Front Tyre (Polyurethane) H Rear Tyre (Vulkollan) G Standard Colour J AC Electric Traction Motor | 12 | Wheelbase | 790 mm | 940 mm | 1090 mm |
| 15 Fork Backward Tilt 16 Fork Forward Tilt 20 17 Minimum Outside Radius A Capacity B Unladen Weight C Maximum Ground Speed D Gradeability E Battery Capacity F Fork Section G Front Tyre (Polyurethane) H Rear Tyre (Vulkollan) C Fork Section C Standard Colour J AC Electric Traction Motor S C Fork Fork Section C Fork Section C Fork Section C Fork Section C Front Tyre (Polyurethane) C Fork Section C Front Tyre (Polyurethane) C Fork Section C Front Tyre (Polyurethane) C Fork Section C | 13 | | | 175 mm | |
| 16 Fork Forward Tilt 2° 17 Minimum Outside Radius 20 1115 mm 1265 mm A Capacity B Unladen Weight C Maximum Ground Speed D Gradeability E Battery Capacity F Fork Section G Front Tyre (Polyurethane) H Rear Tyre (Vulkollan) C Section C Standard Colour C Section Motor C Section Standard Colour C Section Section Section C Section Se | 14 | | 1050 mm | | 1350 mm |
| Minimum Outside Radius 965 mm 1115 mm 1265 mm A Capacity B Unladen Weight C Maximum Ground Speed D Gradeability E Battery Capacity F Fork Section G Front Tyre (Polyurethane) H Rear Tyre (Vulkollan) C Minimum Outside Radius P65 mm P115 mm P1265 mm P115 mm P1265 | | | | | |
| A Capacity 1000 kg 1250 kg 1500 kg B Unladen Weight 2300 kg 2350 kg 2400 kg C Maximum Ground Speed 6 km/h D Gradeability 5% E Battery Capacity 24 V / 375 Ah F Fork Section 35 mm x 100 mm x 950 mm G Front Tyre (Polyurethane) OD 150 mm / Width 55 mm H Rear Tyre (Vulkollan) OD 250 mm / Width 75 mm I Standard Colour Yellow & Grey J AC Electric Traction Motor 24 V / 2.5 kW | | Fork Forward Tilt | | _ | |
| B Unladen Weight 2300 kg 2350 kg 2400 kg C Maximum Ground Speed 6 km/h D Gradeability 5% E Battery Capacity 24 V / 375 Ah F Fork Section 35 mm x 100 mm x 950 mm G Front Tyre (Polyurethane) OD 150 mm / Width 55 mm H Rear Tyre (Vulkollan) OD 250 mm / Width 75 mm I Standard Colour Yellow & Grey J AC Electric Traction Motor 24 V / 2.5 kW | 17 | Minimum Outside Radius | 965 mm | 1115 mm | 1265 mm |
| C Maximum Ground Speed 6 km/h D Gradeability 5% E Battery Capacity 24 V / 375 Ah F Fork Section 35 mm x 100 mm x 950 mm G Front Tyre (Polyurethane) OD 150 mm / Width 55 mm H Rear Tyre (Vulkollan) OD 250 mm / Width 75 mm I Standard Colour Yellow & Grey J AC Electric Traction Motor 24 V / 2.5 kW | Α | Capacity | 1000 kg | 1250 kg | 1500 kg |
| C Maximum Ground Speed 6 km/h D Gradeability 5% E Battery Capacity 24 V / 375 Ah F Fork Section 35 mm x 100 mm x 950 mm G Front Tyre (Polyurethane) OD 150 mm / Width 55 mm H Rear Tyre (Vulkollan) OD 250 mm / Width 75 mm I Standard Colour Yellow & Grey J AC Electric Traction Motor 24 V / 2.5 kW | В | Unladen Weight | 2300 kg | 2350 kg | 2400 kg |
| E Battery Capacity 24 V / 375 Ah F Fork Section 35 mm x 100 mm x 950 mm G Front Tyre (Polyurethane) OD 150 mm / Width 55 mm H Rear Tyre (Vulkollan) OD 250 mm / Width 75 mm I Standard Colour Yellow & Grey J AC Electric Traction Motor 24 V / 2.5 kW | С | | 6 km/h | | |
| F Fork Section 35 mm x 100 mm x 950 mm G Front Tyre (Polyurethane) OD 150 mm / Width 55 mm H Rear Tyre (Vulkollan) OD 250 mm / Width 75 mm I Standard Colour Yellow & Grey J AC Electric Traction Motor 24 V / 2.5 kW | D | Gradeability | 5% | | |
| G Front Tyre (Polyurethane) OD 150 mm / Width 55 mm H Rear Tyre (Vulkollan) OD 250 mm / Width 75 mm Standard Colour Yellow & Grey J AC Electric Traction Motor 24 V / 2.5 kW | E | Battery Capacity | 24 V / 375 Ah | | |
| H Rear Tyre (Vulkollan) OD 250 mm / Width 75 mm Standard Colour Yellow & Grey AC Electric Traction Motor 24 V / 2.5 kW | F | Fork Section | 35 mm x 100 mm x 950 mm | | |
| I Standard Colour Yellow & Grey AC Electric Traction Motor 24 V / 2.5 kW | G | Front Tyre (Polyurethane) | OD 150 mm / Width 55 mm | | |
| J AC Electric Traction Motor 24 V / 2.5 kW | Н | Rear Tyre (Vulkollan) | OD 250 mm / Width 75 mm | | |
| | - 1 | Standard Colour | , | | |
| K AC Electric Pump Motor 24 V / 5 kW | J | AC Electric Traction Motor | | 24 V / 2.5 kW | |
| | K | AC Electric Pump Motor | 24 V / 5 kW | | |

Superior safety with Combilift's patented Multi-Position Tiller Arm

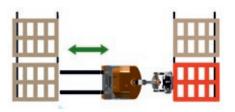
The tiller can be turned to the left or right to allow the operator to remain at the side. This enables full visibility of the load and forks, while maintaining full steering control, providing greater awareness of the surroundings for enhanced overall safety.



Features Include:

- Power Steering
- AC Motor Technology
- · Rear Wheel Drive
- Patented Multi-Position Tiller Arm

Without Combi-CS



Using Combi-CS



Standing to the side of the stacker eliminates the risk of being trapped or crushed while allowing the Combi-CS to operate in very narrow aisles.

International Application No. PCT/EP2012/067238

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