



CONCRETE DISTRIBUTORS
with
HYDRAULIC BOOM

B Series

B 212
B 308
B 312
B 15
B 17
B 18
B 21



Ultra Light!

ULTRA LIGHT design hydraulic placing booms are made of **High Strength Steel** which provides long life, light weight and practical use. Distribution area / weight - feet clearance rates are unbeatable. Optimization in the design is to maximize the practicability. Therefore the users describe the equipment as "job-site friendly equipment".

TWIN DRIVE enables users to alter the power source. In case of electric cut-off, concrete placing can continue without interruptions and short term works can be finished practically. Cost, time and performance gain is achieved at serious levels in construction sites.

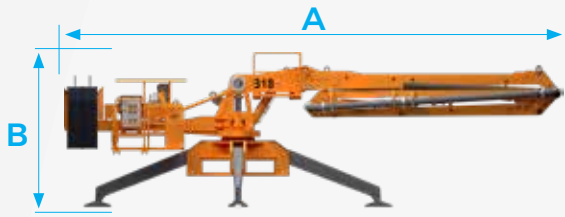
BOOM CONSTRUCTION

Produced from special quality steel with high strength, flexibility and suitability for welding. It is light, strong and long durability...

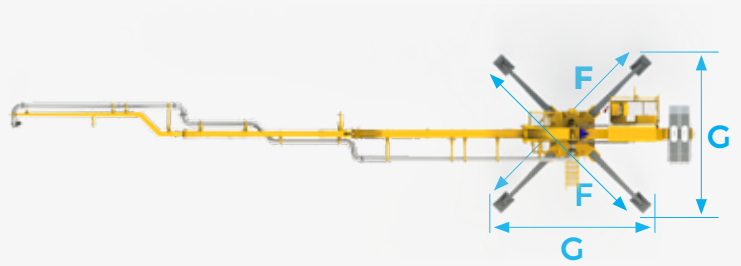
SPLIT FRAME (Detachable Boom Unit)

Simplified split system makes it possible to detach the boom unit easily. When the crane capacity is limited the detachable boom and chassis can be lifted and moved separately.

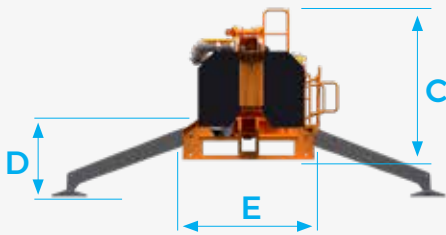
B 212, B 308, B 312, B 15, B 17, B 18 / Overall Dimensions



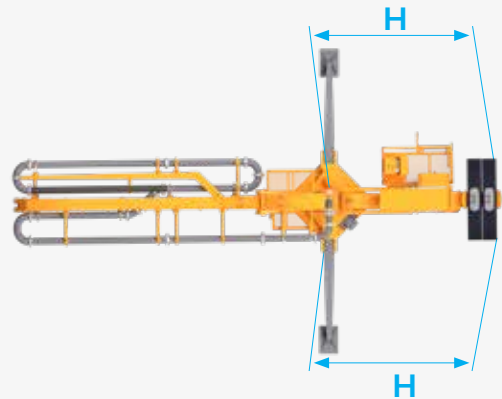
Side View



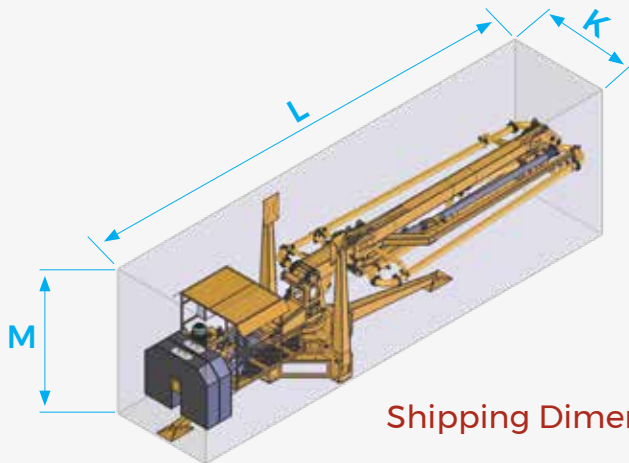
Top View



View From Rear



Tail Slave Clearance



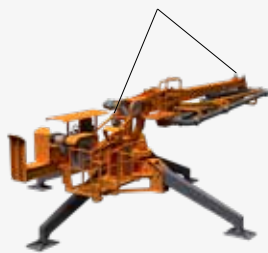
Shipping Dimensions

Despite their lighter weights, Atabey "B-Series Spider Booms" have robust structure and long lasting operational life.

The "heavy-duty slew gear" is standart on all models.

Models	B 212	B 308	B 312	B 15	B 17	B 18
A	9774 mm	5960 mm	8016 mm	9365 mm	10130 mm	10760 mm
B	2958 mm	2400 mm	2958 mm	3289 mm	3428 mm	3428 mm
C	1878 mm	1710 mm	1878 mm	2359 mm	2346 mm	2346 mm
D	1613 mm	1050 mm	1613 mm	1750 mm	1500 mm	1500 mm
E	1455 mm	1730 mm	1455 mm	1684 mm	1793 mm	1793 mm
F	5187 mm	3310 mm	5187 mm	6142 mm	6590 mm	6590 mm
G	3859 mm	2350 mm	3859 mm	4616 mm	4908 mm	4908 mm
H	3284 mm	2360 mm	3273 mm	3398 mm	3499 mm	3598 mm
K	2000 mm	1750 mm	2050 mm	2000 mm	2050 mm	2050 mm
L	9900 mm	6000 mm	8100 mm	9450 mm	10250 mm	10900 mm
M	2800 mm	2450 mm	2800 mm	3220 mm	3300 mm	3300 mm

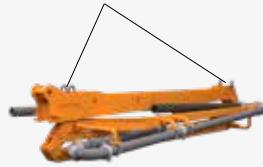
B 212, B 308, B 312, B 15, B 17, B 18 / Weights and Options



Assemble Unit



Main Frame



Detached Boom



Ballast

Models	Assemble Unit	Main Frame	Detached Boom	Ballast
B 212	2210 kg	1310 kg	900 kg	1 X 1260 kg
B 308	1800 kg	BOOM: MAIN FRAME DETACHED		1 X 800kg
B 312	2360 kg	1330 kg	1030 kg	2 X 750 kg
B 15	3030 kg	1800 kg	1230 kg	2 X 1000 kg
B 17	3520 kg	1980 kg	1540 kg	2 X 1300 kg
B 18	3600 kg	2060 kg	1540 kg	2 X 1300 kg

OPTIONS

4-Wheel Carriage Options

- With or without traction
- Hydraulic outriggers
- Remote control for self-travel & steering



Elevation Tower Options / Standard or Custom Designed Solutions



Short-Outriggers with Ballast Weights (Freestanding)



Standart Outriggers (Freestanding)



Tower Base Anchored to Deck (Anchored)

Accessories



Hydraulic Diversion Valves (with hand pump and/or external hydraulic line connection)



Power Packs for Diversion Valves (electric or diesel driven)



Pipeline Scissors (slip-form pipeline connection)

B 212, B 308, B 312, B 15, B 17, B 18 / Technical Details

Models	B 212	B 308	B 312	B 15	B 17	B 18
Distribution Diameter	24 m	16 m	24 m	30 m	35 m	36 m
Distribution Area	452 m ²	201 m ²	460 m ²	730 m ²	962 m ²	1020 m ²
Chassis Weight	1310 kg	Non-detachable	1330 kg	1800 kg	1980 kg	2060 kg
Split Boom Weight	900 kg	Non-detachable	1030 kg	1230 kg	1540 kg	1540 kg
Machine Weight (Chassis + Split Boom)	2210 kg	1800 kg	2360 kg	3030 kg	3520 kg	3600 kg
Ballast Weight	1260 kg	800 kg	1500 kg (2 X 750 kg)	2000 kg (2 X 1000 kg)	2600 kg (2 X 1300 kg)	2700 kg (2 X 1350 kg)
1. Boom Length	6475 mm	3300 mm	4665 mm	5640 mm	6432 mm	7360 mm
2. Boom Length	5525 mm	2500 mm	3718 mm	4700 mm	5503 mm	5503 mm
3. Boom Length	----	2200 mm	3178 mm	4700 mm	5237 mm	5237 mm
End Hose Length	3 m	3 m	3 m	3 m	3 m	3 m
Hydraulic Pump Engine	3 kW 3 Phase 380-400 V.	3 kW 3 Phase 380-400 V.	3 kW 3 Phase 380-400 V.	5.5 kW 3 Phase 380-400 V.	7.5 kW 3 Phase 380-400 V.	7.5 kW 3 Phase 380-400 V.
Hydraulic Tank Capacity	60 liter	60 liter	60 liter	60 liter	80 liter	80 liter
Maximum System Pressure	200 bar	200 bar	200 bar	200 bar	200 bar	200 bar
Folded Transport Length	9900 mm	5960 mm	8100 mm	9450 mm	10250 mm	11180 mm
Folded Transport Width	2000 mm	1900 mm	2050 mm	2000 mm	2050 mm	2050 mm
Folded Transport Height	2800 mm	1700 mm	2800 mm	3220 mm	3300 mm	3300 mm

**Emergency
Hand Pump**



**Remote
Control**

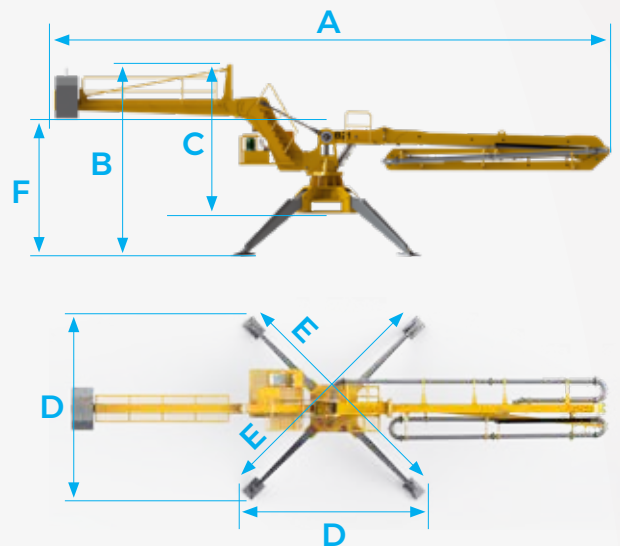


Elevation Tower



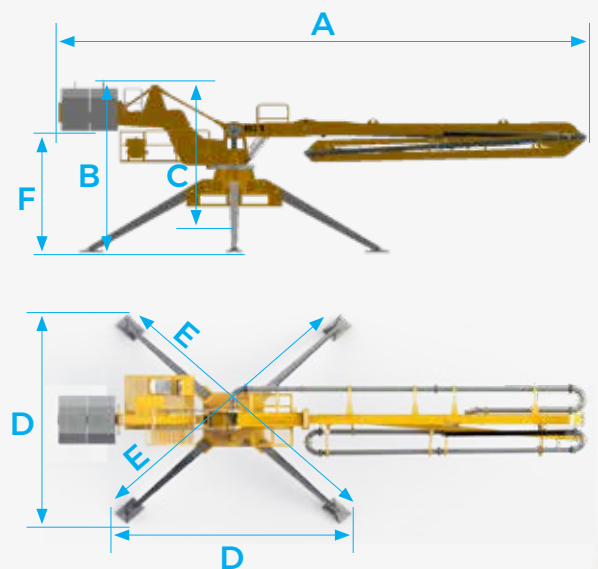
B 21 / Technical Details

B21 Model T	
Distribution Diameter	48 m
Distribution Area	1385 m ²
Tail Weight	500 kg
Chassis Weight	3250 kg
Split Boom Weight	2050 kg
Machine Weight (Tail + Chassis + Split Boom)	5800 kg
Ballast Weight	1800 kg
1. Boom Length	7987 mm
2. Boom Length	6278 mm
3. Boom Length	6284 mm
End Hose Length	3 m
Hydraulic Pump Motor	7,5 kW 3 Phase 380-400 V.
Hydraulic Tank Capacity	80 liter
Maximum System Pressure	200 bar
Folded Transport Length with Tail	16000 mm
Folded Transport Length Unassembled Tail	10850 mm
Folded Transport Width	2200 mm
Folded Transport Height	3650 mm



B 21 Model T	
A	15900 mm
B	5850 mm
C	4300 mm
D	5050 mm
E	6750 mm
F	4300 mm

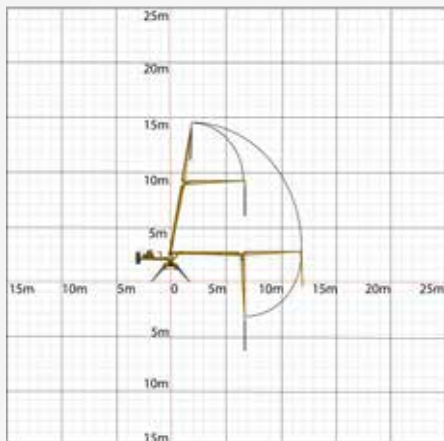
B21 Model S	
Distribution Diameter	48 m
Distribution Area	1385 m ²
Chassis Weight	3250 kg
Split Boom Weight	2050 kg
Machine Weight (Chassis + Split Boom)	5300 kg
Ballast Weight	1800 kgx2 - 3600 kg
1. Boom Length	7987 mm
2. Boom Length	6278 mm
3. Boom Length	6284 mm
End Hose Length	3 m
Hydraulic Pump Motor	7,5 kW 3 Phase 380-400 V.
Hydraulic Tank Capacity	80 liter
Maximum System Pressure	200 bar
Folded Transport Length with Tail	12000 mm
Folded Transport Length Unassembled Tail	10850 mm
Folded Transport Width	2200 mm
Folded Transport Height	3650 mm



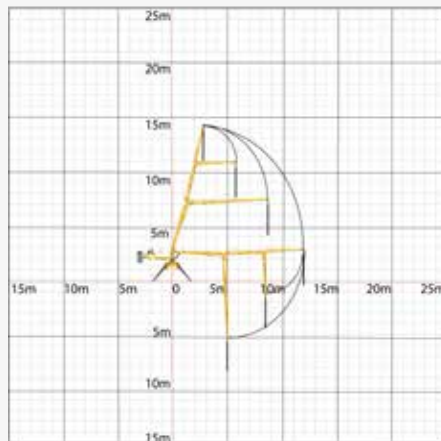
B 21 Model S	
A	11992 mm
B	4714 mm
C	3421 mm
D	5050 mm
E	6750 mm
F	3444 mm

B 212, B 312, B 15, B 17, B 18, B 21 / Concrete Scatter Diagrams

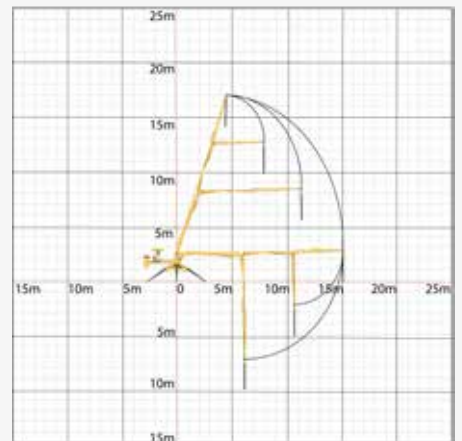
B 212



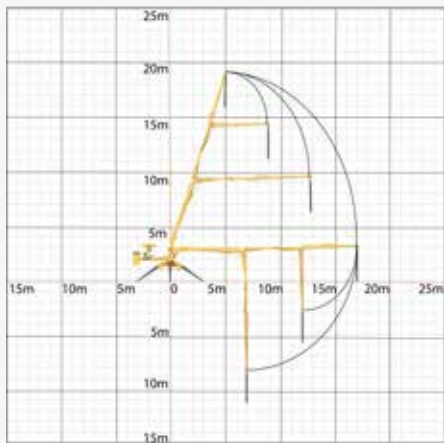
B 312



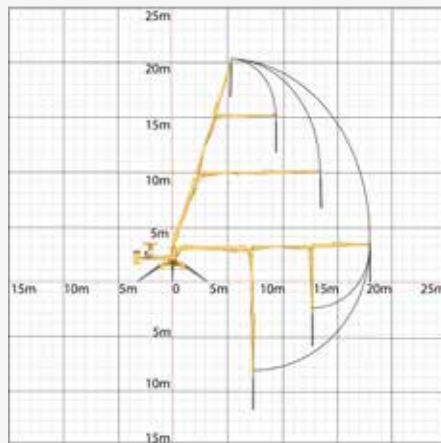
B 15



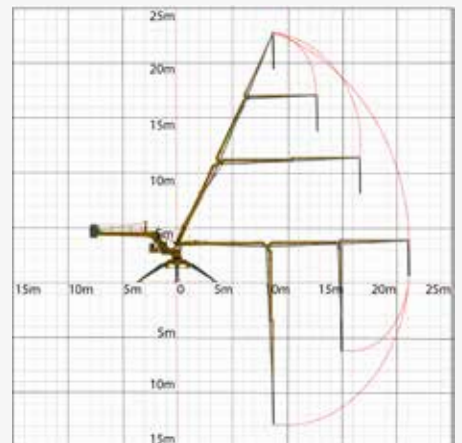
B 17



B 18



B 21





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