



WS Boat Loading Recommendations

Pioner

Plated weight limits: 8 Persons 982kg

Assuming the average person weighs 80-100kg.

Assuming the combined weights of a Yamaha 9.9hp (SS) engine plus fuel is 50kg. This reduced the effective load capacity to 932kg.

Assuming that helm will be assisted with loading and unloading from on shore and therefore does not need a crew on board.

High Needs Electronic Wheelchairs are heavy electric wheelchairs where the incumbent must remain strapped in and or attached to machinery (air, fluids etc.) and may not be self-supporting.

1) Electronic Wheelchairs:

Capacity	932 kg
Helm	100
2 powered wheelchairs - 120kg each x 2 = 240kg	240
1 Manual Wheel Chair (50kg)	50
3 x Wheelchair users (300kg)	300
2 x Carers (200kg)	200
Total	890

2) Manual Wheelchairs

Capacity	932 kg
Helm	100
4 manual wheelchairs	200

4 x Wheelchair users	400
2 x Carers (200kg)	200
Total	900

3) High Needs Electric Wheelchairs

Capacity	932 kg
Helm	100
Crew * ¹	100
2 powered wheelchairs * ³	240
2 x Wheelchair users	200
2 x Carers * ²	200
Total	840

*¹ A crew is added as additional look out and as safety officer. They are responsible for ensuring that the wheelchair users are released from their wheelchairs and ensuring that their lifejackets are inflated.

*² There must be a carer per client on the boat.

*³ If the client cannot normally wear a buoyancy aid then a self-inflating life jacket must worn instead.

Hansa 2.3

120kg. We should be mindful that 120kg is just under 19 stone

Hansa 303W

160kg. 25 stone, so we need to think of the combined weight of 2 people.

Hansa Liberty

150kg. No problems.

Laser Stratos

290kg. This is only the weight of 4 average people. There is a known issue of water coming in the keel casing when heavily loaded.

RS Venture

6 people stated, but 2 seated plus one in the back should be the maximum.

Drascombe Lugger

6 people stated. We should stick rigidly to this. Any more makes the boat crowded and makes it difficult for the helm to operate safely

Drascombe Longboat

9 people stated. In my view one or two too many as again it makes the boat too crowded and difficult for the helm to operate, so keep to 7 or 8 max.