

Harwich Haven Authority - Towage Guidelines

These tables contain recommended tug numbers and are an advisory guideline only to assist with early planning. The pilot (in agreement with the Master) retains the discretion to decide the final requirement, and will take into account a wide variety of factors (see note 1. below).

Port of Felixstowe				
Arrival / Departure - swinging				
Vessel Size or Draft (LOA / meters)	Wind (knots)			
	< 15	15-20, gusts ≤25	20-25, gusts ≤30	25-30, gusts ≤35
> 200 ≤ 310	1 - 2	2	2	2 - 3
> 310 ≤ 355	2	2 - 3	3 - 4	4
> 355 ≤ 390	2 - 3	2 - 3	3 - 4	4
> 390 under 16m draft	3	3 - 4	4	4
>390 with 16m+ draft	4	4	4	5
Megamax	3	3 - 4	5	5
Departure - no swing				
Vessel Size or Draft (LOA / meters)	Wind (knots)			
	< 15	15-20, gusts ≤25	20-25, gusts ≤30	25-30, gusts ≤35
> 200 ≤ 310m	1	1	1 - 2	2 - 3
> 310m ≤ 355m	1	1 - 2	2 - 3	4
> 355m ≤ 390m	2	2 - 3	3	4
> 390 under 16m draft	2	2 - 3	3	4
>390 with 16m+ draft	4	4	4	5
Megamax	2-3	3 - 4	5	5

Navyard				
Vessel Size (LOA / meters)	Wind (knots)			
	< 15	15-20	20-25, gusts >25	25-30, gusts ≤35
Large vessel >120m and > 7000 grt	0 - 1	1	1 - 2	2

HIP Berth 6 - swinging				
Vessel Size (LOA / meters)	Wind (knots)			
	< 15	15-20	20-25, gusts >25	25-30, gusts ≤35
>100 ≤ 140	0	1	1	1
140+	1	1	1	1

Definitions:

1. LOA = vessel length overall
2. Megamax = 390m+ LOA with beam in excess of 60m (or 24 containers wide) and 225,000+ grt

Notes:

1. The pilot will make allowance for various factors including (but not limited to); vessel handling characteristics inc. suitable sized working bow thruster, draft, underkeel clearance, hydrodynamic forces, weather forecast / wind direction, suitable tug types, requirement for escort towage and any other factors deemed relevant.
2. Tug numbers for Felixstowe are based on the harbour fleet of Svitzer ASD tugs 2x70t and 2x80t bollard pull. The pilot may adjust the overall tug number requirement for replacement tugs, especially if less capable or not suitable for use as escort tug.
3. For Felixstowe vessels less than 200m LOA the master or agent should discuss with Haven Pilots to confirm requirements.
4. If in any doubt, please contact Haven Pilots for further advice.