

PORT OF LIVERPOOL

Tugs Registered as Ship-Handling Tugs with The Mersey Docks and Harbour Company Limited

December 2018

Tug	Operator	Type	GT	LOA (m)	Beam (m)	Draught (m)	Speed (k)	Power (kW)	Bollard Pull			FiFi
									Normal (t)	Ahead (t)	Astern (t)	
Smit Donau	Kotug Smit	ASD	294	28.67	10.43	4.74	14.0	3,678	55	59	55	-
Smit Barbados	Kotug Smit	ASD	285	28.67	10.43	4.76	14.0	3,678	55	58	55	1 x 600m ³ /h
Smit Belgie	Kotug Smit	ASD	305	30.82	10.20	4.75	13.0	3,132	51	53	51	-
Smit Sandon	Kotug Smit	VST	398	30.54	11.52	5.31	13.0	3,100	41	41	-	-
Zeebrugge	Kotug Smit	ASD	249	30.99	9.05	4.60	13.0	2,000	38	39	38	-
Smit Waterloo	Kotug Smit	VST	298	31.10	9.30	4.50	13.0	2,532	36	36	-	-
Svitzer Stanlow	Svitzer	VST	656	37.50	13.50	6.05	15.0	5280	70	70	-	2 x 1,200m ³ /h
Svitzer Warden	Svitzer	ASD	207	24.55	11.49	5.35	12.8	4200	64	69	64	2 x 1,200m ³ /h
Milgarth	Svitzer	ASD	374	32.72	10.60	4.95	13.5	3800	62	66	62	2 x 1,200m ³ /h
Svitzer Bidston	Svitzer	ATT	366	29.50	11.00	5.90	12.0	4338	60	60	-	2 x 1,200m ³ /h
Svitzer Amazonas	Svitzer	ASD	439	31.50	11.00	5.12	12.5	3676	60	65	60	2 x 1,200m ³ /h
Ayton Cross	Svitzer	ASD	433	33.00	11.40	3.90	13.2	4400	55	60	55	-
Svitzer Sarah	Svitzer	VST	364	30.58	11.50	5.50	12.8	3480	53	53	-	2 x 1,200m ³ /h
Svtzer Mercia	Svitzer	VST	449	33.02	10.45	5.30	12.6	2878	43	43	-	2 x 400m ³ /h
Svitzer Sussex	Svitzer	VST	378	30.98	10.90	4.70	12.6	2878	42	42	-	2 x 400m ³ /h

ASD = Azimuthing Stern Drive
 ATT = Azimuthing Tractor Tug
 VST = Voith Schneider Tractor

"Normal" Bollard Pull = bollard pull with tug towing on a line during normal ship-handling operations

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Details provided by the various tug operators and are given without guarantee for their accuracy

