

# PORT OF LIVERPOOL

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

March 2019

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 <sup>3</sup> /h
Smit Belgie	Kotug Smit	ASD	305	30.82	10.20	4.75	13.0	3,132	51	53	51	
CMS Warrior	Kotug Smit	ASD	161	22.73	10.43	4.59	12.7	3,000	47	52	47	
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 <sup>3</sup> /h
Svitzer Warden	Svitzer	ASD	207	24.55	11.49	5.35	12.8	4200	64	69	64	2 x 1,200m <sup>3</sup> /h
Millgarth	Svitzer	ASD	374	32.72	10.60	4.95	13.5	3800	62	66	62	2 x 1,200m <sup>3</sup> /h
Svitzer Bidston	Svitzer	ATT	366	29.50	11.00	5.90	12.0	4338	60	60	-	2 x 1,200m <sup>3</sup> /h
Svitzer Amazonas	Svitzer	ASD	439	31.50	11.00	5.12	12.5	3676	60	65	60	2 x 1,200m <sup>3</sup> /h
Svitzer Muiden	Svitzer	ASD	384	30.30	11.50	3.60	13.7	3600	57	60	57	2 x 1,200m <sup>3</sup> /h
Svitzer Sarah	Svitzer	VST	364	30.58	11.50	5.50	12.8	3480	53	53	-	2 x 1,200m <sup>3</sup> /h
Bugsier 19	Svitzer	VST	359	30.60	11.00	5.18	12.0	3690	50	50	-	-
Svitzer Sussex	Svitzer	VST	378	30.98	10.90	4.70	12.6	2878	42	42	-	2 x 400m <sup>3</sup> /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

Kotug Smit Towage . . . . . **0151 207 8540** Unit 40 Wellington Employment Park, Dunes Way, Liverpool, L5 9RJ

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Svitzer Marine . . . . . **0845 608 1352** 12 Princes Parade, Liverpool, L3 1BG

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

MOM/242/062/L001

