








Available tug models - January 2011

FORCE Technology has produced a number of mathematical models of ASD, VSP and rotor tugs, which are listed below:


ASD tug models

Ship no.	Ship type	Bollard pull	LOA (m)	Picture
3349	Tug ASD (CP)	50 t BP	26.0	
3317	Tug ASD (FP)	58 t BP	32.9	
3292	Tug ASD (CP)	63 t BP	30.0	
3541	Tug ASD (FP)	63 t BP	30.0	
3569	Tug ASD (CP)	65 t BP	35.8	
3338	Tug ASD (CP)	73 t BP	30.0	
3528	Tug ASD (FP)	80 t BP	33.3	
3319	Tug ASD (CP)	90 t BP	45.5	
3356	Tug ASD (CP)	94 t BP	32.7	
3511	Tug ASD (CP)	100 t BP	35.8	
3431	Tug ASD (CP)	160 t BP	45.5	


VSP tug models

Ship no.	Ship type	Bollard pull	LOA (m)	Picture
3409	Tug VSP	40 t BP	35.0	
3323	Tug VSP	51 t BP	35.0	
3410	Tug VSP	65 t BP	36.0	
3324	Tug VSP	72 t BP	36.0	
3358	Tug VSP	80 t BP	36.0	
3325	Tug VSP	92 t BP	41.6	
3421	Tug VSP	125 t BP	48.5	

Rotor tug models

Ship no.	Ship type	Bollard pull	LOA (m)	Picture
3505	Rotor tug (CP)	80 t BP	28.3	

Conventional tug models

Ship no.	Ship type	Bollard pull	LOA (m)	Picture
3510	Twin-screw tug (FP)	14 t BP	16.9	

Further information

Jesper Hvolbøl Nielsen: Tel. +45 72 15 77 63 / E-mail: jnx@force.dk.