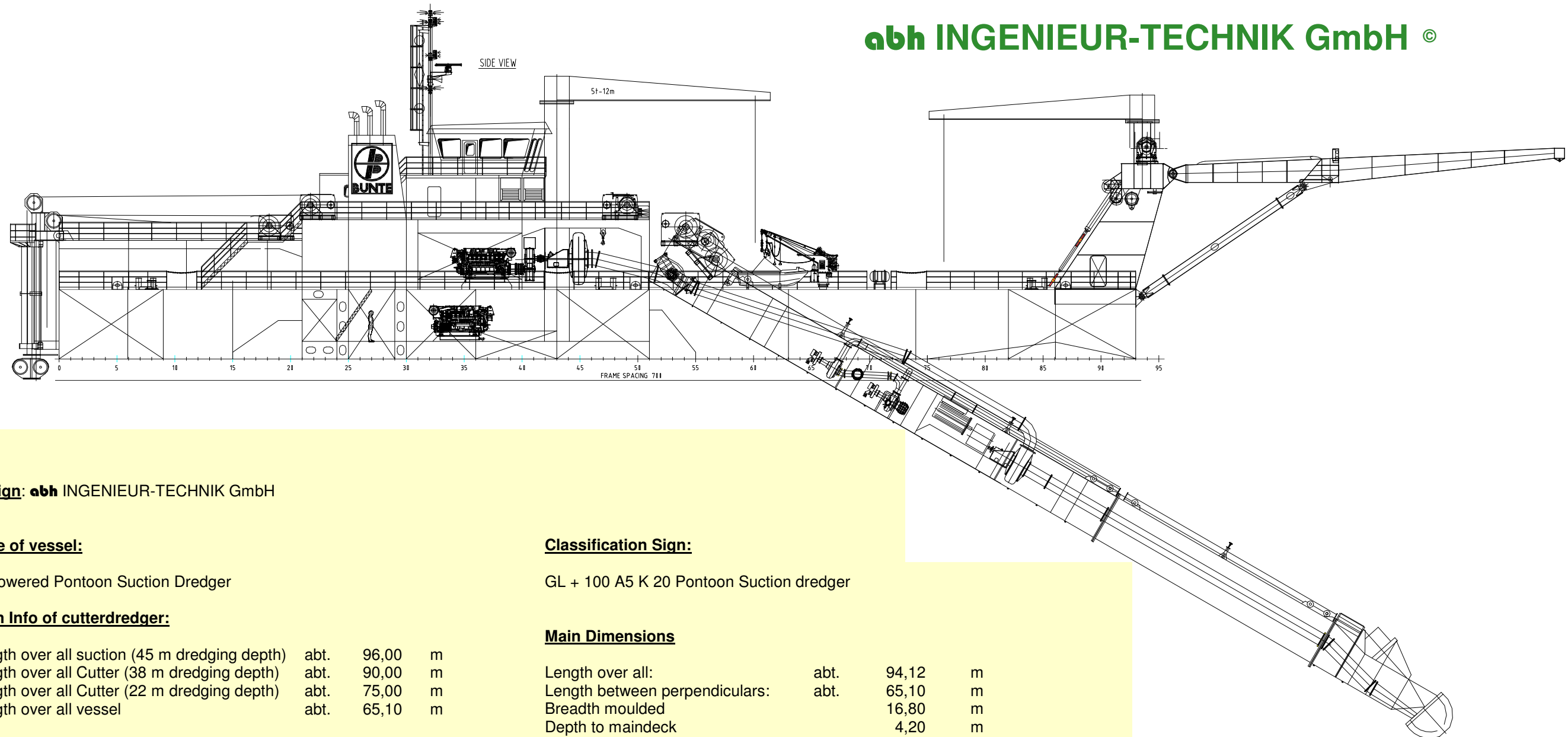


70.000 m³/day Cutterdredger „PIRAT X“

abh INGENIEUR-TECHNIK GmbH ©



Design: abh INGENIEUR-TECHNIK GmbH

Type of vessel:

Unpowered Pontoon Suction Dredger

Classification Sign:

GL + 100 A5 K 20 Pontoon Suction dredger

Main Info of cutterdredger:

Length over all suction (45 m dredging depth)	abt.	96,00	m
Length over all Cutter (38 m dredging depth)	abt.	90,00	m
Length over all Cutter (22 m dredging depth)	abt.	75,00	m
Length over all vessel	abt.	65,10	m

Inner diameter of suctionpipe	800	mm
Inner diameter of pressure pipe	750	mm

Main Dimensions

Length over all:	abt.	94,12	m
Length between perpendiculars:	abt.	65,10	m
Breadth moulded		16,80	m
Depth to maindeck		4,20	m
Design draught	abt.	2,60	m
Scantling draught	abt.	3,00	m
Deadweight (at design draught)	abt.	6800,00	tdw
Deadweight (at scantlg. draught)	abt.	7240,00	tdw

Environmental Conditions:

Temperature:	+ 40 °C - -15 °C
Seawater temperature	+ 32 °C- 0 °C
Relative humidity:	70% / 35 °C
Wind speed	max. 15 m/sec.
Tidal range:	max. 5 km/h
Wave hight:	max. 1m

Pump Capacity (Booster Pumps)	abt.	70.000	m ³ /day
Power output Booster drives	abt.	6.613	kW
Crane capacity SWL	abt.	< 12,0	t
Crew		3	Persons