



■ DREDGING FEATURES

Max.dredging depth	-18m
Swing width	62.9m (at max. dredging depth)
Max.mixture capacity	6000 m ³ /h

■ DRIVE INSTALLATION

Dredge pump motor	Cummins QSK60-M
Power	11.641 kW, 1.800 rpm
Auxiliary motor	Cummins KT38-M
Prime power rating	582 kW, 1.800 rpm
Harbour generator set	50kW, 220/380 V AC, 50 Hz

■ DREDGE INSTALLATION

Dredge pump type	Inboard Pump
Diameter suction/discharge pipe	700/600 mm
Max discharge distance	3000 m
Cutter type	Crown model (with replaceable alloy teeth)
Cutter power	350 kW
Cutter diameter inner/outer	2.100/2.200 mm

■ ANCHOR & ANCHOR BOOMS

Anchor weight	1500kg/pc
Anchor amount	2
Anchor boom diameter	355 mm
Anchor boom length	18.6 m
Anchor boom quantity	2 pcs

■ PRINCIPAL DIMENSIONS

Lenght Overall	53.00 m
Breadth / Depth / Draught	9.10 m / 2.75 m / 1.50 m
Standart Dredging Depth	18.00 m
Min. Dredging Depth	1.50 m
Max. Discharge Distance	3000 m
Total weight	362 t

TANK CAPACITIES

Ballast / Void approx. (fore)	2x22.00 m ³
Ballast / Void approx. (aft)	2x22.00 m ³
Hydraulic oil main tank	1x 3.00 m ³
Hydraulic oil s/d drop tanks	2x 0.25 m ³
Fresh water tank	2x22.00 m ³
Sewage tank	2x22.00 m ³
Fuel tank	2x30.00 m ³

■ DECK MACHINERY

Ladder winch	Hydraulic,200kN,0-15m/min,ømmx 200m
Side wire winches (2x)	Hydraulic,200kN,0-20m/min,ømmx 200m
Spuds (2x)	ø630mm,length 24m
Spud Hosting (2x)	Hydraulic cylinder,stroke 2.5m Hydraulic
Spud carriage positioning	cylinder, Hydraulic operated
Electric deck crane	Jib Crane, 41 Capacity

- General

Type	KEHAN CSD650 - 18 M
Basic functions	Harbor maintenance dredging

Accommodation

2x4 berth cabins	
1x2 berth cabins	
Total: 10 men	



İLK CONSTRUCTION

Head Office in Turkey

Yenisehir District Bayraktar Bulv.
Street No:2 34779 Atasehir

Istanbul

Tel : +90 (216) 455 55 44
Fax : +90 (216) 455 55 88

Turkmenistan

43 Shors Street

Ashgabat

Tel : +993 (12) 32 93 77 – 78
Fax : +993 (12) 32 03 17

Azerbaijan

100/C Nizami Street Nesimi Region

Baku

Tel/Fax : +994 (12) 404 81 67 – 68

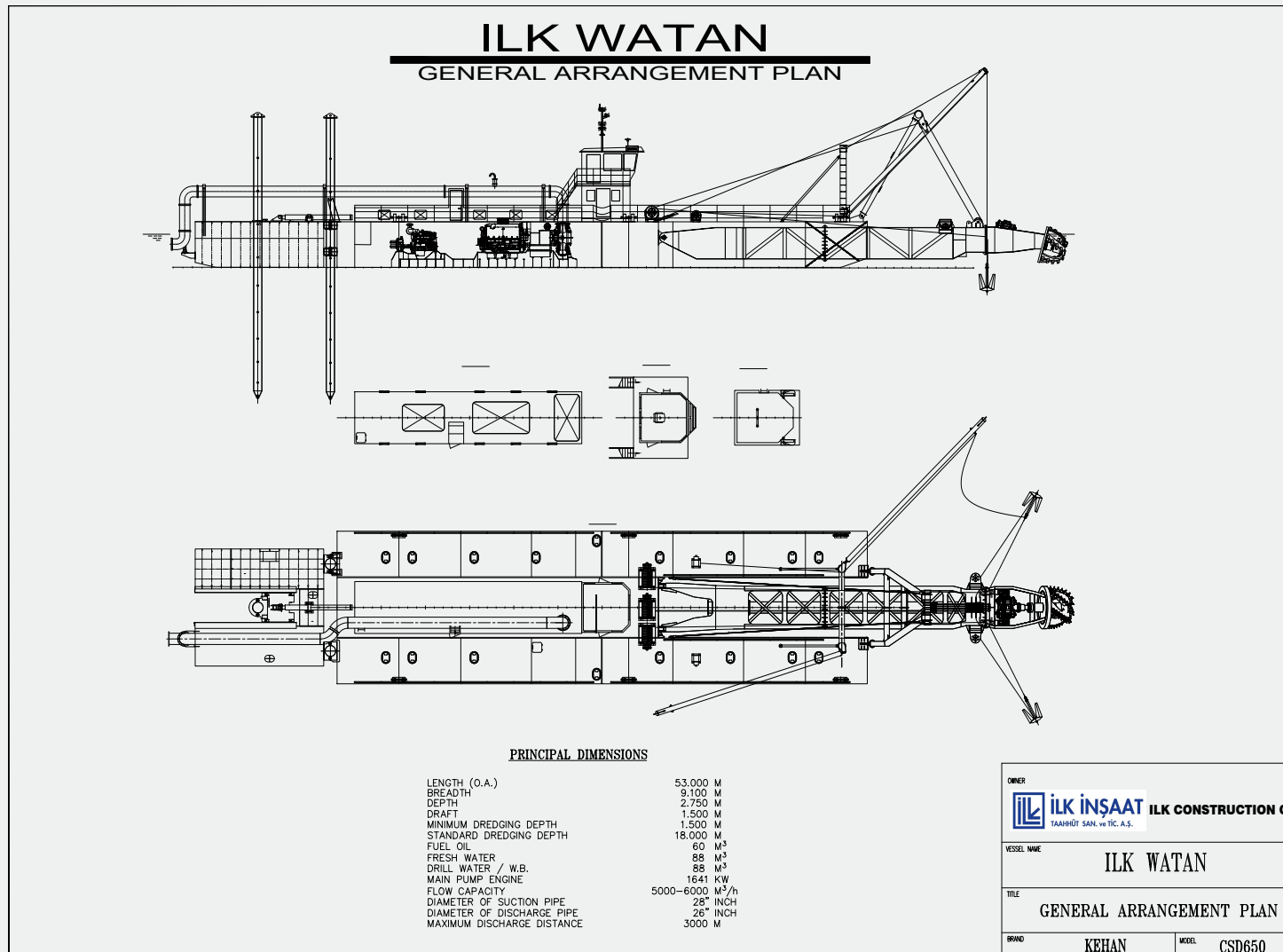
U.A.E.

Lotus Plaza, 4B Street, Al Quoz

Dubai

Tel : +971 4 3806666
Fax : +971 4 3466668

General Arrangement



ILK CONSTRUCTION

www.ilkconstruction.com

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