

**HAIKU 700**

main specifications:

- overall length: 7,00 m
- hull length: 6,20 m (6,70 including bowsprit)
- waterline length : 6,20m
- maximum beam: 2,50 m
- keel down draft: 1,72 m
- keel up draft: 0,40 m
- design displacement: 1000 kg
- light displacement : 710 kg
- maximum displacement : 1150 kg
- ballast: 195 kg (120 in keel , 75 in bilge)
- height from DWL: 7,95 m
- upwind sail area: 19,7 m2
- CE design category: Cat. C5

projected sail areas

- mainsail 12.9 sqm
- 105% J jib 6.8 sqm
- gennaker 22.5 sqm

- P: 627 cm
- E: 268 cm
- J: 238 cm
- I: 649 cm (on forestay)

measurements P,E,J and I have always to be checked on board

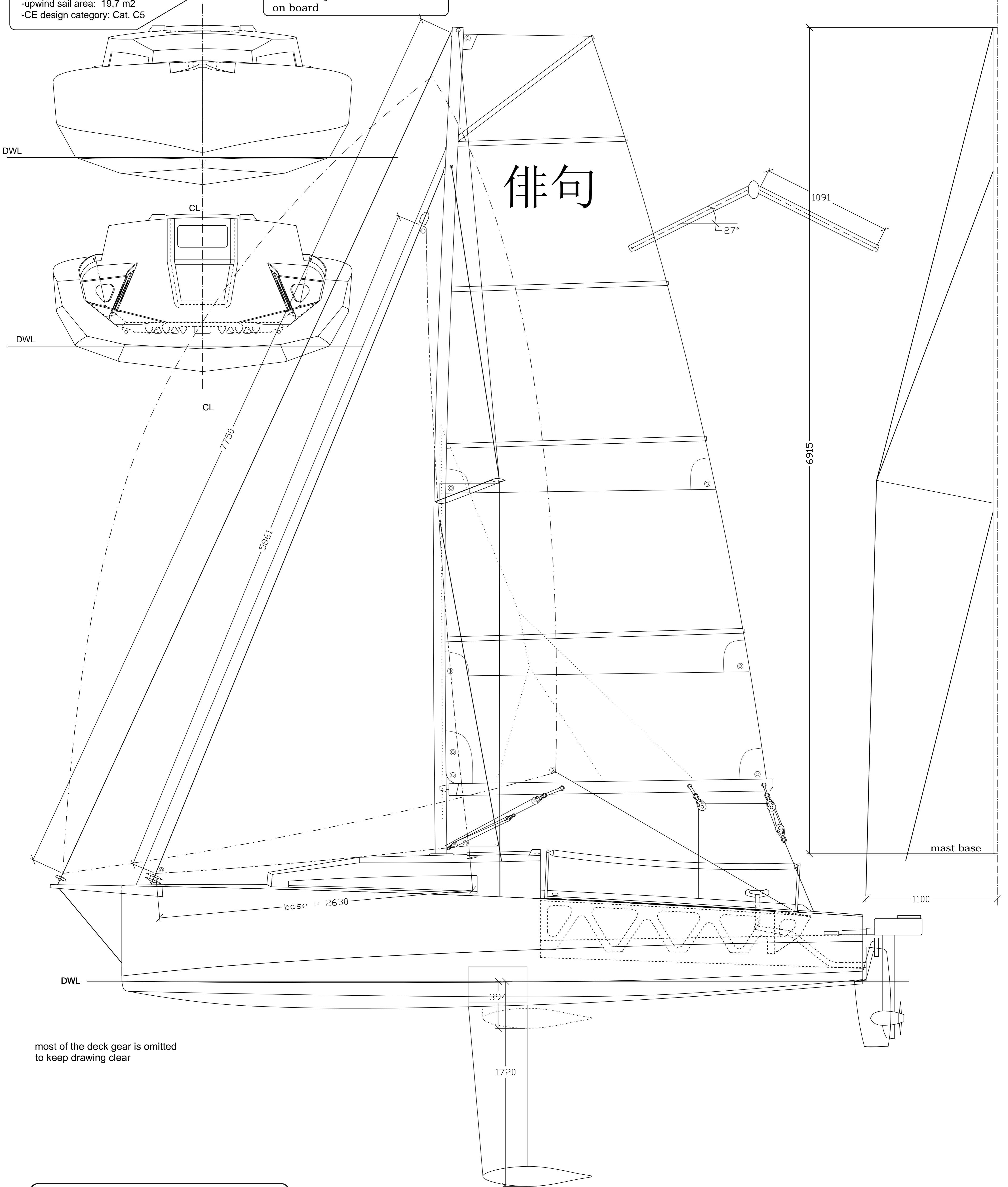
minimum scantling for mast stiffness:

- mast in alluminium alloy or carbon composite;
- $\frac{7}{8}$  fractional rig, untapered, 3 internal halyards
- Ixx= 35 cm4
- Iyy= 45 cm4
- I spreaders: 1,3 cm4

mainsail boom: alluminium alloy, carbon composite or wood (dedicated drawing on plans) outhaul internal purchase minimum 1:3, internal sheaves for at least two reefing points, fittings for mainsheet and vang

standing rigging :

- all wires are in ss steel wire 19 threads ;
- diameters:
- shrouds : 4mm;
- forestay : 4mm (or 5 mm unbraided spectra) internal to jib;
- false forestay: 3mm
- bowsprit line: hi load braided texile rope 7 mm (1700 daN minimum Breaking strenght)



most of the deck gear is omitted to keep drawing clear

boat must be mandatory sailed with lifting keel down and keel case closed

print A1 format

design by:  
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HAIKU 700  
sail plan  
study plans 1 SCALE 1:15

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