



ANGGOTA INSA  
NO : 1482/INSA/VI/2008

Perusahaan Pelayaran & Angkutan Laut

# PT. KARYA JAYA SAMUDERA

## TB.KJ-08 TUG BOAT

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**Builders** : SIBU, 2012  
**Flag** : Indonesia  
**Classification** : BKI  
**Call Sign** : YD 5164  
**IMO** : 9659438

**Dimension**

**Length** : 22.06 M  
**Breadth** : 6.40 M  
**Depth** : 2.65 M  
**Draught** : 2.11 M  
**GRT** : 102  
**NRT** : 31

**Tank Capacities**

**Fuel** : 60.000 ltr  
**Water** : 16.000 ltr

**Propulsion / Machinery**

2 x Main Engine ( Cammins KTA 19 M3)  
each 600 HP ; 1800 RPM with 2 x Gear Box  
Gearbox : T.300 A Ratio 1 : 6  
2 x Auxiliary Engine 24 KVA  
Type : Cammins  
1 x Emergency A/E 19 KVA  
Type : Cammins

**Deck Machinery**

**Anchor** : 2 unit Anchor cap  
@ 250 Kgs w/ Chain's Length @ 135 mtr

**Performance / Fuel Consumption**

**Eco Speed** : 8 knots = 65 ltr/hour  
**Full Speed** : 10 knots = 95 ltr / hour

**Fire Fighting**

1 Unit Independent FIFI System Capacity 300 m<sup>3</sup>/hour with :  
2 unit fire monitor Capacity 150 m<sup>3</sup>/hour @ 10 bar  
6 Fire Extinguisher consist :  
: 5 unit Fire Founn @ 6 kgs  
: 1 unit CO2 @ 6 kgs  
**Spare Pump** : 1 unit Alcon  
: 1 unit Electric Pump  
CO2 System in Engine room



**Navigation / Communication**

**Radar** : Furuno RDF - 098  
**Echo Sounder** : Furuno FGV 667  
**SSB** : ICOM IC - M 700 Pro  
: ICOM IC - M 45 VHF Marine  
: ICOM AT - 130  
**GPS** : Furuno GP 32  
**Sat comm** : Satelite Pasti  
**Compass** : Dniko Koiki 8"  
**Steering** : Dual Steering

**Accomodation**

10 Persons

**Safety Equipment**

2 Life Raft with Capacity 10 Persons  
15 Life Jacket & Helmet  
10 Ring Buoy  
2 Signal Parachute

**Other Equipment**

Oil Water Separator  
Travo for weld Cap 20 KVA  
4 unit Air Condition  
1 unit Refrigerator  
1 set Audio  
1 set Kitchen Equipment

**KANTOR :**

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