



# Tron 40S / Tron 40GPS

406 MHz Satellite EPIRB



[www.jotron.com](http://www.jotron.com)



## ▶ Tron 40S / Tron 40GPS

### Float free and manual GMDSS EPIRB

The Tron 40S/40GPS design is especially based on the GMDSS regulation together with Jotron's long experience to make it possible to meet the hard maritime environment on the seven seas.

#### SPECIFICATIONS

##### Dimensions:

##### Weight:

##### Material housing:

##### Dimensions MB-4/FB-4/FBH-4:

##### Weight (MB-4/FB-4/FBH-4):

##### Material (MB-4/FB-4/FBH-4):

##### Antenna:

##### Visual indication:

##### Operating temperature:

##### Battery:

##### Operating life:

##### Standards:

Height: 38 cm

Max diameter: 18 cm

Appr. 2,0 kg

Polycarbonate with 10% glass fibre

Height: 42 cm

Width: 21 cm

Depth: 20 cm (with beacon)

Appr. 1.6 kg

ASA

Built in, vertical polarisation, omnidirectional

Built in Xenon flash and Test LED

-20°C to +55°C. Class 2

Jotron type number 97780

Lithium, 5 years service life

More than 48 hours at -20°C

Approved according to:

ETS 300 066

IMO A662 (16) / A810 (19)

DIR 96/98 EEC

C/S T.001

RTCM (US Coast Guard)

#### 406 MHZ TRANSMITTER:

##### Frequency:

##### Output power:

##### Digital message:

##### Modulation:

##### Data encoding:

##### Stability:

##### Bitrate:

406.025 MHz  $\pm$  2ppm

5W  $\pm$  2dB

All protocols available

Phase modulation 1.1  $\pm$  0.1 rad

Bi phase L

Short term:  $\leq$  10-9

Medium term:  $\leq$  10-9

Residual noise:  $\leq$  3x10-9

400 b/s

#### HOMING TRANSMITTER:

##### Frequency:

##### Output power:

##### Modulation:

121.500 MHz  $\pm$  10ppm

Up to 100 mW

A9 AM, sweep tone from max

1600 Hz to min 300 Hz

Sweep range 700 Hz

Sweep rate 2-3 Hz

#### AUTOMATIC RELEASE MECHANISM:

##### H-20 Hammar:

With Jotron special bolt



#### Agent/Distributor:

Jotron AS reserves the right to change the design and/or specifications at any time without prior notice. Reservations are also taken towards any general errors that may occur.

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