

**DECK BALLAST
UNIT BOX**

**THE WORLD... OUR PASSION
SINCE 1955**

TECHNICAL BROCHURE

THE SYSTEM

ISO 20' Container provided with ballast pumps

PLUG'N PLAY SYSTEM

UNIQUE COMPACT SOLUTION FOR BALLAST OPERATIONS

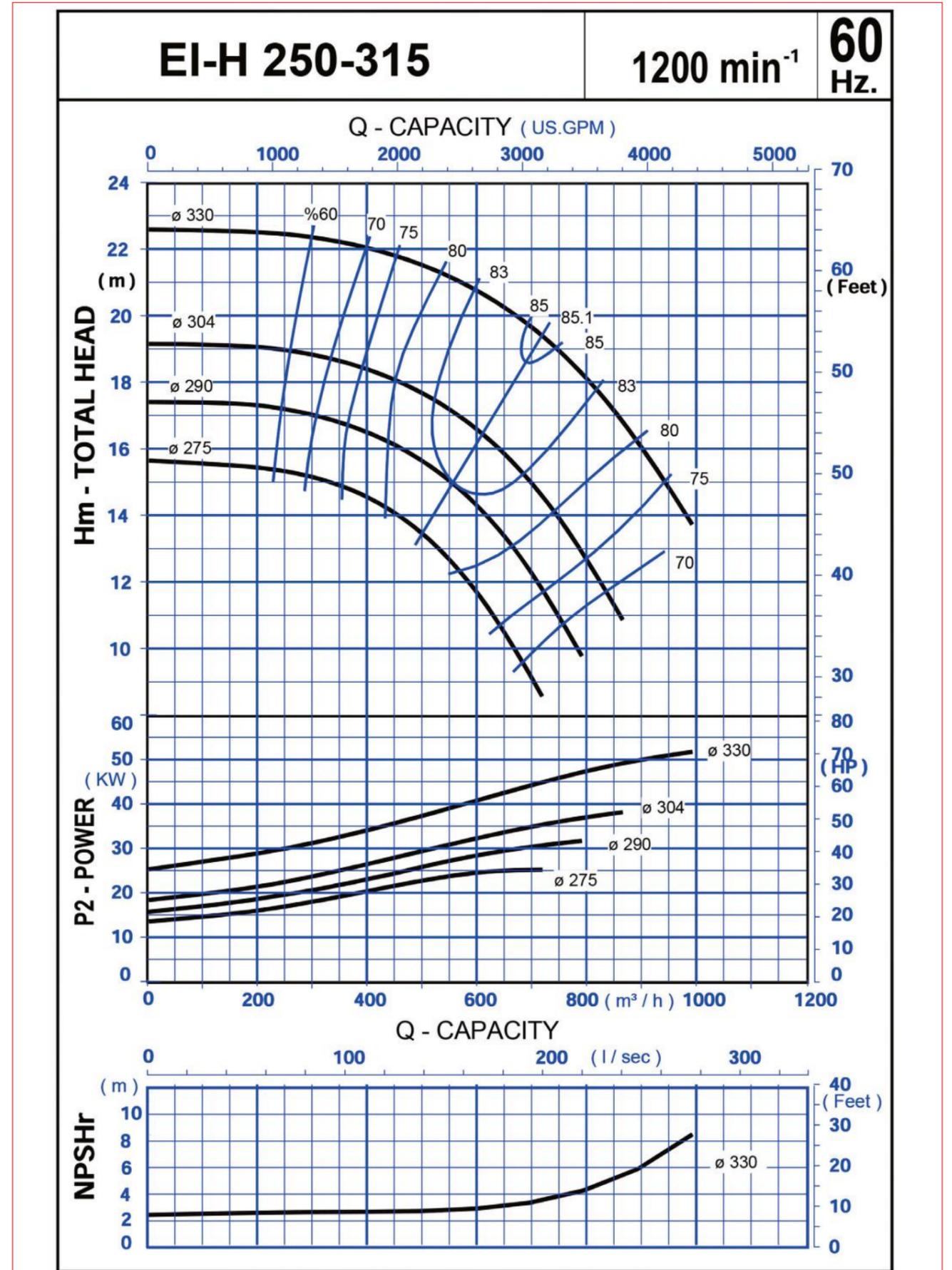
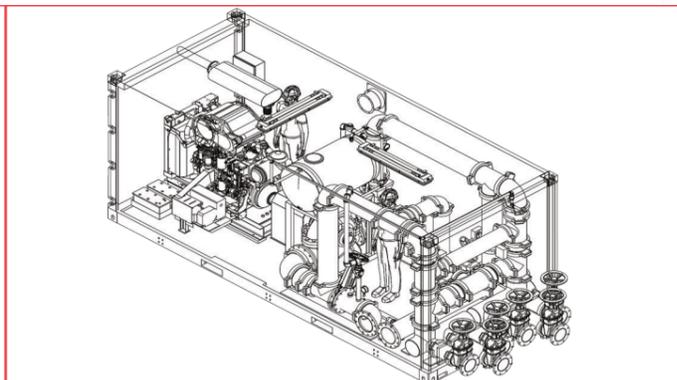
CAPACITY 600 - 800 mc/h

Fagioli new Deck Ballast Unit Box is a useful tool (ISO 20-foot container) for all the Load-in and Load-out operations of heavy loads to be executed mainly on barges. The Ballast System is composed by pumps which are allocated within an *easy-and-fast-handling* container, with a maximum capacity between 600 and 800 mc/h. This is a real compact solution developed by Fagioli Engineering Department which came up with the idea of an easy-to-move, *plug' n play* powerful ballast system for the Load Out and Load in Operations of heavy loads to be transferred over and off the barge.

Actually Fagioli owns more than 40 pumps that can be used to arrange the most suitable Ballast System which is evaluated case by case on the base of the contingent conditions (weight and dimension of the heavy item, tide, barge positioning).. For load-out design phase, we usually consider a Nominal Capacity of 350 m3/h, but with this new compact solution Unit we are now able not only to grant more power under a continuous safety control, but also an easier and faster handling ballasting process.

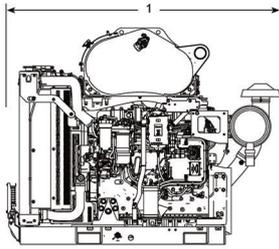
With this Unit, we are sure to design and arrange a Ballasting System that allow to operate on the Barge in a safer and also cheaper condition.

BALLAST SYSTEM			
PUMP TECHNICAL DATA / DATI TECNICI POMPA		DIESEL ENGINE TECHNICAL DATA / DATI TECNICI MOTORE DIESEL	
SERIAL NUMBER / NUMERO DI SERIE	A2007206	SUPPLIER / FORNITORE	CAT
TYPE / POMPA TIPO	EI H 250-315	SERIAL NUMBER / NUMERO DI SERIE	6J601105
CAPACITY / PORTATA	600 -800 mc/h	TYPE / MODELLO MOTORE	C7.1
HEAD / PREVALENZA	20 mt.	COOLING TYPE / TIPO RAFFREDDAMENTO	RADIATOR
MAX ABS. POWER / POTENZA ASS. MAX	55 kW	NOMINAL POWER / POTENZA NOMINALE	151 kW
RPM / REGIME DI ROTAZIONE	1500	RPM / REGIME DI ROTAZIONE	800-1200-1500-1800

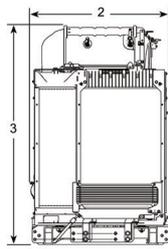


DECK BALLAST UNIT BOX

Dimensions



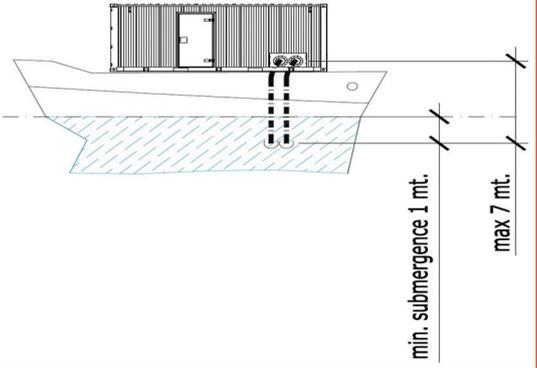
(1) Length
1855 mm (73.0 in)



(2) Width
931 mm (36.7 in)

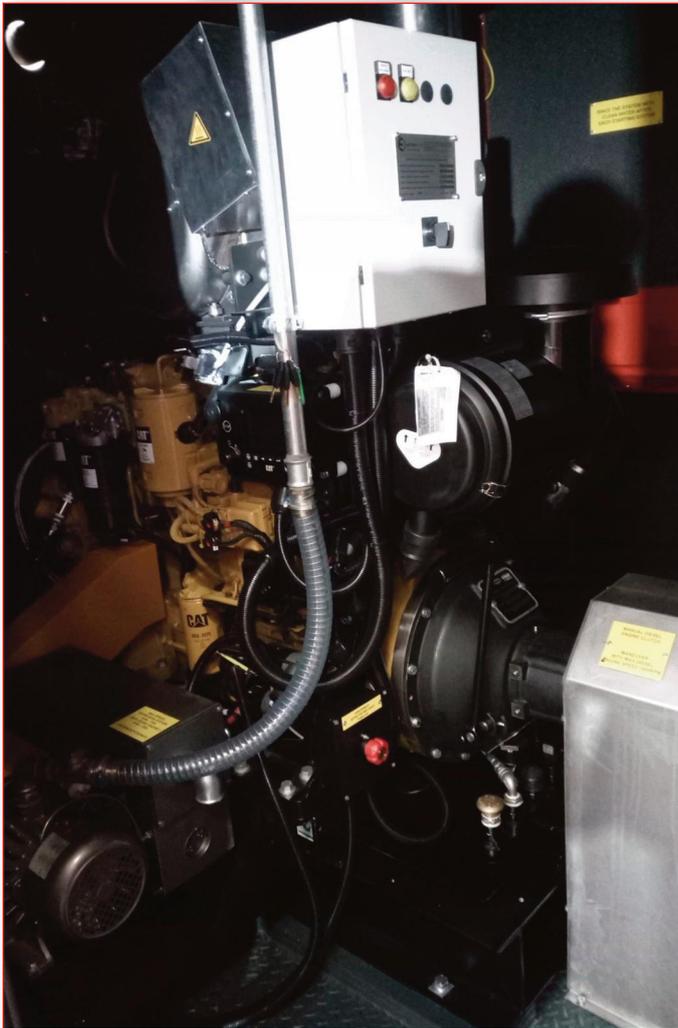
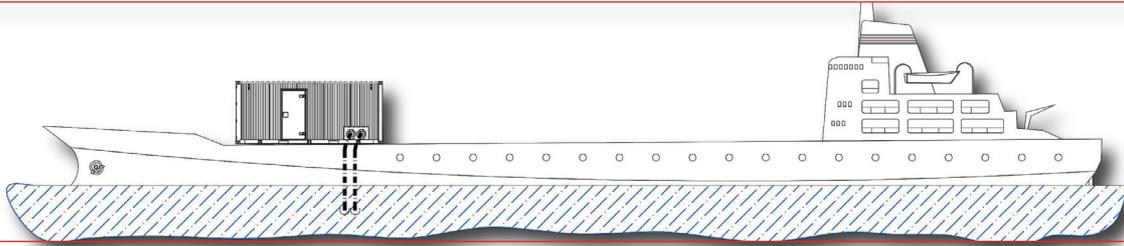
(3) Height (including radiator support brackets)
1474 mm (58.0 in)

SEA LEVEL



min. submergence 1 mt.

max 7 mt.



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