



FAGIOLI RIVER ACTIVITY

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

TECHNICAL BROCHURE

FAGIOLI RIVER PORT ACTIVITY

The company currently owns 4 river pusher boats and 6 river barges. Through the searching for new options to optimize river transport and the study of new measures to guarantee total safety for the environment and for cargo, it has become the main protagonist of Italian river traffic.

The Company is perfectly equipped to carry out the river transport of goods with different types and has widely diversified its activity, also through the increase of means and equipment in the continuous effort to improve the service and to study new solutions to solve the different needs of our customers. As for example the hydraulic cranes and the storage areas owned by the group at the river port of Cremona and Mantua.

The main sectors of activity are the transport of: chemical and oil products, bulk dry products and heavy items (products of oil & gas industry needed to be transported only by river barge to their oversize and big dimensions).

The activities are managed entirely by our offices. Furthermore, our services can be extended to a complete door-to-door transport through the other group activities such as heavy road and / or rail transport.

PO RIVER AND VENICE PORT

River Po had always played a central role in Italy concerning river transport and so it is nowadays, in particular for the hauling of heavy or over-dimensional items. Indeed, the geophysical configuration of Italy (cut in two longitudinal parts by the Apennines) as well as the configuration of the existing infrastructures, does not allow road transport to vehicles that exceed a certain weight or dimensions: it's extremely important to find alternative solutions in order to move abnormal loads to Venice port.

Being the roads which lead to Genoa and Venice port (the two main Italian ports in the North of Italy for overseas shipping) subject to weight and height restrictions (no more than 120 tons and maximum 4,55 mts high convoy for Genoa and 250 ton and 6.50 mts high for Venice), the Po river becomes the best solution for the execution of heavy transport activity. To reach this port and guarantee a safe and adequate heavy transport activity, Fagioli owns a river barge fleet based at Cremona and Mantua river ports, provided with gantry lifting systems able to perform the transhipment of the heavy items from the trailer to the river barge (and vice versa).

During these last years, thanks to this kind of equipment, Fagioli executed several challenging transportations covering different industry areas, (agricultural, petrochemical, power, civil). In 2001, for instance, Fagioli was contracted for the transport of the 408 ton "Toti" submarine from Cremona river port to Leonardo Da Vinci Museum in Milan (including the lifting, out of the water and transhipment of the historical item onto the trailers): an enterprise that had an incredible media impact catching the attention of more than 200.000 people during the 4 nights transport to Milan. Moreover, in 2002, 2005 and 2007, Fagioli river equipment was used to complete another astounding engineering and nautical performance: the transport of six steam generators (750 tonnes each) from Cremona and Mantua to Venice via the Po river. During the transport of the second lot of generators, Fagioli faced the low water level caused by the extremely dry summer of that year. To solve this unforeseen problem, Fagioli built a temporary dam on the Mincio riverbed in order to reduce the water flow, raise the water level and allow the passage of the barge loaded with the generators. There are just few of the incredible heavy transport executed using the river navigability and the extended weight capability of Fagioli river barges.

During these last years, the transport of items related to the agricultural and steel industry was affected by the global economic crisis and the river transport has been concentrated on the hauling of heavy and over-dimensional units. Fagioli is able to handle heavy items with its state-of-the-art equipment. Road and rail transport including transhipment operations to/from barge by gantry lifting system at Cremona and Mantua river ports are, in most of the cases, the only feasible activities for the transport of heavy items headed to Venice port.

FACILITY - SERVICES

- Fagioli owns dedicated areas at the river ports of Cremona and Mantua provided with:
- Gantry lifting systems** (up to 400 ton capacity) for the loading and unloading operations of heavy items directly onto the barges.
- Private berths** with enough areas for material handling, logistics and storage activity.
- Heavy Rail Transport** facility in Cremona river port with group-owned Heavy Rail Cars for the direct transhipment onto the barges



Name	TICINO	ECO - RAVENNA	JACOPO	SOFIA	HELGA	JAVA
Flag	Italian	Italian	Italian	Italian	Italian	Italian
Built Year	1976	1998	1996	1996	1996	1996
Ship Class Register	RINA	RINA	RINA	RINA	RINA	RINA
Registration Number	53395	76201	86695	86696	86693	86694
Class	100-A.1.1-NAV S,PTN					
Port of Register	Chioggia	Rovigo	Chioggia	Chioggia	Chioggia	Chioggia
P.R. Reg.Number	CI 2765	RV 33921	CI 3637	CI 3641	CI 3697	CI 3638
Gross Tonnage	498,01 t	868.5 t	627.4	627.4	627.4	627.4
Net Tonnage	485,03 t		627.4	627.4	627.4	627.4
Capacity	1,500 (1,000) t		1.795 t	1.795 t	1.795 t	1.795 t
Tank Capacity		1730 cubic meter				
Draft Max	2.9 m / 9.5 Ft	3 m / 9.8 Ft	2.7 m / 8.8 Ft	2.7 m / 8.8 Ft	2.7 m / 8.8 Ft	2.7 m / 8.8 Ft
Length Overall	77.06 m / 252.8 Ft	78 m / 256 Ft	76.50 m / 251 Ft	76.50 m / 251 Ft	76.50 m / 251 Ft	76.50 m / 251 Ft
Breadth	9.76 m / 32 Ft	9.7 m / 31.8 Ft	10.95 m / 35.9 Ft	10.95 m / 35.9 Ft	10.95 m / 35.9 Ft	10.95 m / 35.9 Ft
Height			3.20 m / 10.5 Ft	3.20 m / 10.5 Ft	3.20 m / 10.5 Ft	3.20 m / 10.5 Ft
Aft Lifting Platform Dimension	27.87 m x 7.8 m (91.4 x 25.6 ft)					
Hold Dim.	60.5 m x 7.8 m (198.5 x 25.6 ft)		67 m x 8.54 m (219.8 x 28 Ft)	67 m x 8.54 m (219.8 x 28 Ft)	67 m x 8.54 m (219.8 x 28 Ft)	67 m x 8.54 m (219.8 x 28 Ft)
Auxiliary Features			Covered Deck	Covered Deck	Covered Deck	Covered Deck
Aft Lifting Platform Capacity	323 t					
Navigation	within 2 miles from the ports of Venice / Chioggia / Porto Levante		within 2 miles from the ports of Venice / Chioggia / Porto Levante	within 2 miles from the ports of Venice / Chioggia / Porto Levante	within 2 miles from the ports of Venice / Chioggia / Porto Levante	within 2 miles from the ports of Venice / Chioggia / Porto Levante
Owner	Fagioli S.p.A.	Fagioli S.p.A.	Fagioli S.p.A.	Fagioli S.p.A.	Fagioli S.p.A.	Fagioli S.p.A.

Name	FERRARA	MANTOVA	SEBINO	TOBIA C
Flag	Italian	Italian	Italian	Italian
Built Year	1976	1995	1975	1996
Registration Number	75361	74383	54911	89004
Ship Class Register	RINA	RINA	RINA	RINA
Port of Register	Rovigo	Rovigo	Rovigo	Rovigo
P.R. Reg.Number	RV 33287	RV 33286	RV 33284	RV 33647
Gross Tonnage	298,46 t	265.98 t	138.17 t	123.57 t
Engine Power	2 x 736 KW	2 x 736 KW	2 x 441 KW	2 x 440 KW
Draft Max	1.7 m / 5.6 Ft	1.7 m / 5.6 Ft	1.65 m / 5.4 Ft	1.1 m / 3.6 Ft
Length Overall	26.5 m / 86.9 Ft	26.5 m / 86.9 Ft	22.58 m / 74.1 Ft	28.30 m / 92.8 Ft
Breadth	11.01 m / 36.1 Ft	9.8 m / 32.1 Ft	8.84 m / 29 Ft	10.03 m / 32.9 Ft
Owner	Fagioli S.p.A.	Fagioli S.p.A.	Fagioli S.p.A.	Fagioli S.p.A.



TICINO



ECO-RAVENNA



JACOPO



SOFIA



HELGA



JAVA



FERRARA



MANTOVA



SEBINO



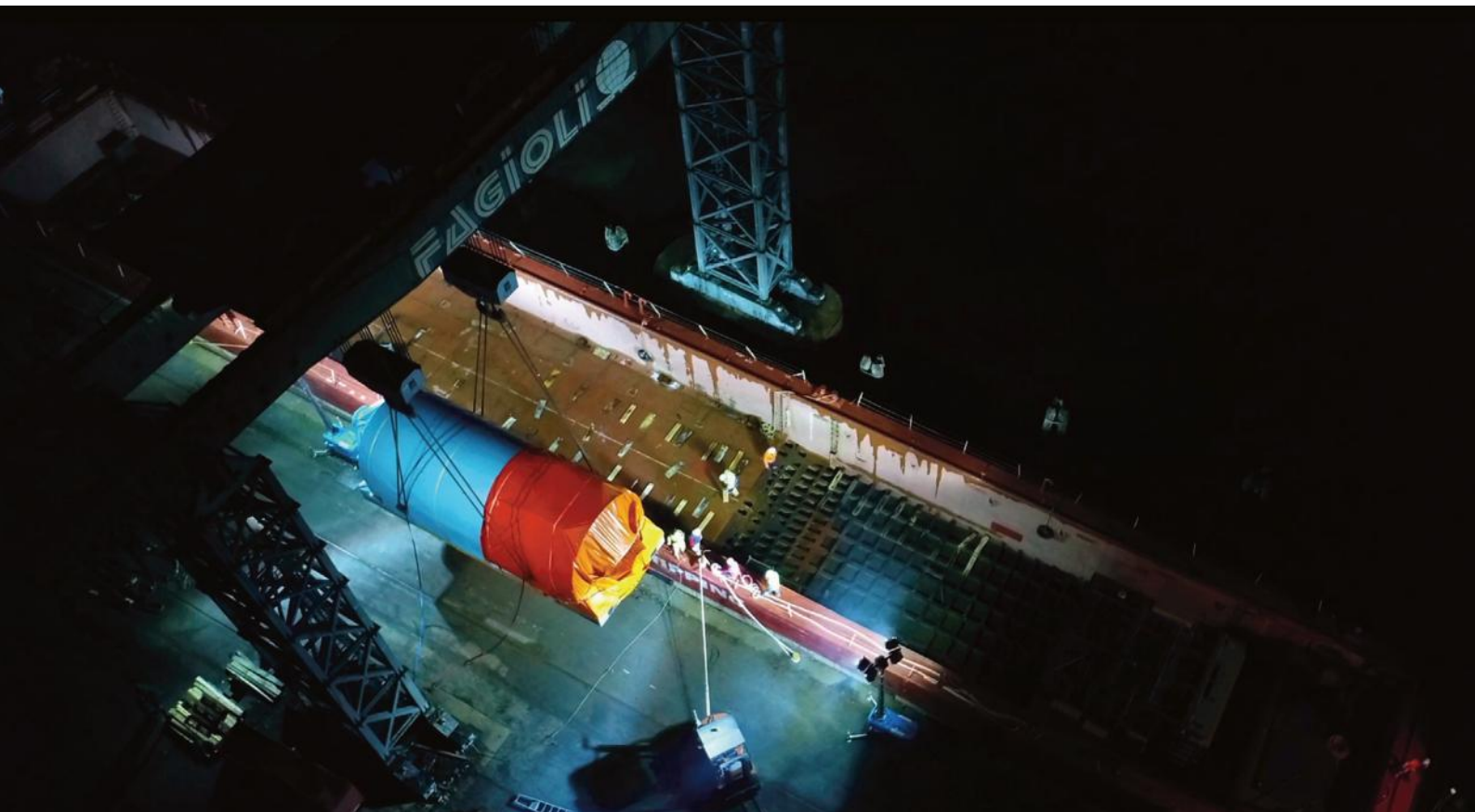
TOBIA C



RIVER ACTIVITY



Pictures above: Loading operations of heavy items with the use of the barge Aft lifting platform
Picture below: Loading operation of a generator by means of Gantry Lifting system in Cremona river port



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