



DOES NOT INCLUDE FREIGHT

Marine serie

SPECIAL BASE

Cranes fitted with a special base for easy fixed installation on any type of vessel, central controls and distributor separate from the structure, protected from salt water.

MARINE ENVIRONMENT PAINTWORK

Treatment of the marine series cranes consists of the following cycle: grade A Sa 2 ½ sandblasting (standard ISO 8501-1); organic epoxy zinc plating application (minimum thickness 70µm); intermediate layer with spray application of two coats of bi-component epoxy primer (thickness 100 µm) and a final dual layer of bi-component polyurethane glaze (thickness 70 µm) with average total thickness of the dry film on the entire packet of 240 µm. In this way a very high resistance to corrosion of up to 1500h in the salt fog testing is ensured according to the standard ASTM B117 (UNI ISO 9227).

ADDED PROTECTION

The main and secondary jack rods have a tempered chemical nickel plating (50 micron) and chrome plating (100 micron); the extension jack rods and rotation cylinders have a double chrome plating. Protection is completed by application of "dinitrol" on hollow internal surfaces, and double nickel coating of stainless steel pins, screws and clamps.



T-Serie

LIGHT AND COMPACT CRANE


Fassi cranes of the T range are expressly designed for vehicle recovery. Therefore they are: compact so as not to require particular wheelbases, light so as not to weight down the total mass on the ground, efficient so as to be able to recover even big commercial vehicles and fit to lift efficiently the vehicles using the specific lifting tool.



OUTRIGGERS

Hydraulically extendable outriggers also in "Extra wide" and "Super Extra wide" execution, with hoses fitted inside the outrigger supports (standard only on dynamic crane version). Available as option manual or hydraulic tiltable outriggers.

RECOMMENDED TRUCK - AUTOCARRO CONSIGLIATO - CAMION CONSEILLE - EMPFOHLEN LKW - CAMION ACONSEJADO - AANBEVOLEN VRACHTWAGEN



	passo empattement Radstand passo Wielbasis	F100AT/F120ATXP	F100AT/F120ATXP	F130AT/F150ATXP	F170AT/F190ATXP
Wheelbase (mm)		3100	3100	3700	3700
G.V.W.* (ton)		10	10	12	12

PTT (peso lordo)* - PBV (Poids B rut du Véhicule)* - G esamtgewicht (zul. G esamtgewicht)* - GVW (Peso bruto vehicular)* - Maximaal toelaatbaar gewicht (GVW)*

Fassi knuckle boom heavy-duty cranes



Range that includes all cranes with **lifting capacity starting from 37,50 tm up to 137,60 tm.**

The models with lifting capacity from 37,50 tm to 43,45 tm are available with rack foundation and with bearing foundation; all other models are exclusively fitted with bearing foundation.

The short secondary boom is available on models up to lifting capacity of 43,45 tm.

A complete electronic supply is included in models with lifting capacity from 51,60 tm on up.

[Heavy-duty cranes, EC Market >](#)

[Heavy-duty cranes, Extra EC Market >](#)

Fassi knuckle boom medium-duty cranes



Range that includes all cranes with **lifting capacity from 13,05 tm up to 34,15 tm.**

All models feature a version with short secondary jib and version with remote control (standard equipment on cranes with lifting capacity of 28.35 tm on up).

Version with bearing foundation for continuous rotation models.

[Medium-duty cranes, EC Market >](#)

[Medium-duty cranes, Extra EC Market >](#)

Fassi knuckle boom light-duty cranes



Range that includes all cranes with **lifting capacity from 1,10 tm up to 12,25 tm.**

The short versions are available starting from the model with lifting capacity of 6,65 tm.

There is also a model equipped with remote control, which is an option for all cranes. All models feature a rack foundation.

[Light-duty cranes, EC Market >](#)

[Light-duty cranes, Extra EC Market >](#)

S Serie

The Fassi cranes from the S Series have been designed and constructed especially to be fitted to and operate on vehicles which transport and handle pallet-stored building materials. In addition to the well-recognised characteristics of quality and reliability common to all Fassi Gru products, these cranes offer the possibility to quickly load and unload materials transported on work-site vehicle beds. They are used in particular on the German market and mainly serve warehouses and construction companies. This country and these sectors were the first to appreciate their excellent performance and high level of versatility in building material logistics. Their characteristics allow operators to work quickly and more easily thanks to a new easy-to-use control system and a practical and ergonomic working position, which simplifies the management of the various stages of operations, thus satisfying the highest market standards.



[S Serie - Brochure DE, GB, FR](#)

SE Range

The SE range was created for the United States market, in particular for a very specific requirement in the construction sector: the handling of plasterboard panels. Simplification, performance and electronics are characteristics shared by all the models in this range, with a significantly longer main arm compared to traditional cranes in order to be able to reach notable vertical heights, and with telescopic booms in higher-performance models. The models in this range cannot assume the classic rest position with the crane completely closed behind the truck cabin due to the length of the main arm. Consequently, their rest position is with the main and secondary arms aligned along the truck bed and the hook on a support at the rear of the truck.



Railway serie

MULTIVEHICLE APPLICATIONS

Fassi cranes used to work on railway lines can be fitted on various types of rolling stock, such as trucks, locomotives, wagons with dual driving system for road and rail use.

HEIGHT LIMITER

To assist the work of operators in yards and along railway lines, cranes are fitted with special devices aimed above all at preventing accidental contact with overhead power lines (chain links).

OTHER SUPPLEMENTARY DEVICES

Management of rotation with dual proximity sensor, to avoid use of the crane in areas where there are trains in transit, and key selector to determine the working side.

The Fassi railway cranes

Fassi has gained significant experience in the railway cranes field, based on the attention that the Fassi engineering department has been dedicating to the development of cranes for this specific application. Appropriate arrangements were made to enable the installation of standard cranes, designed for trucks, on rail vehicles, without distorting the typology or prices with machines developed specifically to this purpose, as it may happen on the market. Cranes operating on rail vehicles have to be equipped with additional safety devices for rotation and height limitation not required by cranes mounted on truck in order to be in compliance with the "operational safety" standard in presence of double-track lines or electric traction line commonly referred to as "catenary." So devices with a removable key in a blocking position were introduced to define the geometric work areas where the crane can operate in full safety. Such devices can be summarized as: - Rotation limiter to define the angle of rotation around its vertical axis: Work area "A – B". - height limiter to define the rotation angle of the main boom from the column. The limitation systems are normally inactive and are activated by the operator with the specific controls. They were developed with redundant equipments to ensure a safe operation.

