





Operators cabin with large windows for a better visibility. The front window, with double wiper, opens, completely disappearing under the top of the cab.

An orange flashing beacon, standard fitted, on the top of the cab guarantee a good visibility also during the darker hours of the day. It is possible, as option, to fit extra working lights on stick and on the undercarriage to increase visibility. Also a front window screen protection and extra lights on secondary stick are standard fitted on the machine. As option is possible to fit also a total protection for the cabin and xenon lights on stick and over the cabin.

Comfortable drive: Well pneumatically sprung, extra large seat with 10 regulation modalities,



safety seat belt with winding mechanism, adjustable arms, headrest, and seat heating.

In addition, an integrated safety device to turn on machine controls only when the operator is in driving position and the safety arm rest is in the down position. 2 taps for lower the cabin in case of emergency (one into the cabin, one easy accessible from the ground). Standard air conditioner with 5 vents to cool the air in the cab and to dehumidify it, avoiding windows steaming up.Heating winter and summer ventilation device are standard fitted.



The clear visual instrumentation panel with a coloured 5" display allows monitoring of all machines functions: engine rpm, battery voltage, fuel level, diagnostic codes, hydraulic system, liquids levels and temperatures. There are also controls dedicated to auxiliary functions and for light warnings that advise the operator when air or hydraulic oil filters are congested, or when the machine reaches stability level, highness of the grab from the ground or distance of it from the centre of the machine, total or partial hour counter, hours from the next service, list of controls for auxiliary functions.



TCD 6.1 - Stage V ready

Water-cooled 4-cylinder inline engine with cooled, external exhaust gas recirculation with turbocharging and with charge air cooling.

Engine and exhaust aftertreatment (EAT) are optimised for highest total system efficiency and thus ensure lowest consumption and total operating cost.

The powerful Common Rail (DCR®) injection system and the electronic engine control (EMR) with intelligent link to the drive management ensure optimum engine performance at low fuel consumption

The engines meet the requirements of the EU Stage IV and US EPA Tier 4 with DVERT® selective catalytic reduction (SCR) and particulate filter (DPF). Through the use of the DPF they already comply with the EU Stage V emissions standard.

Long oil change intervals and easy changing of the engine fluids reduce the running cost and increase the availability of the machinery

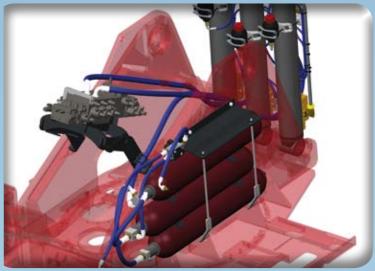




The new large carpentries with auto-locking system ensures an easy access to the engine and all the components



Centralized automatic greasing system (as standard), to make easier service operations.



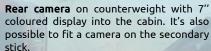
Load Energy Saving System (LESS)



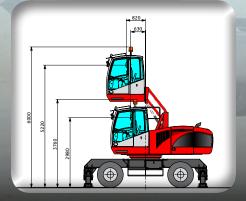
It's an hydro-pneumatic system of the machine passive weights support, it is constituted by a conventional hydraulic ram, connected directly to a series of hydro-pneumatic accumulators which guarantee a direct hydraulic force to the hydraulic ram. A multi-function solenoid valve unit, electronically managed, controls the correct functionality and the pre-charge pressure of the system. Through this system, the hydraulic power used for the handling of the load is real. In the exclusive movement of the primary arm, the saved fuel can reach up to 50%, in work combined movements, the economy is around 20%.



Six white **working lights** on counterweight as standard. On request available also road lights red and orange



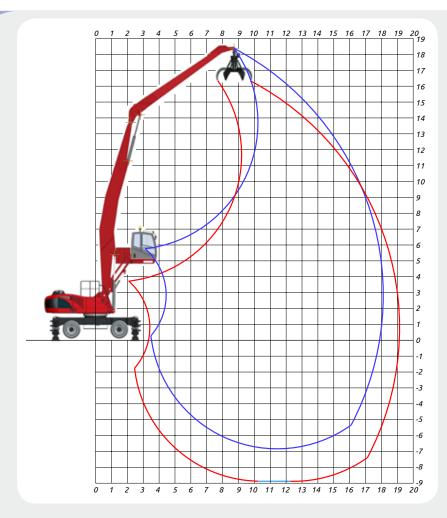




Operators cabin with **hydraulic parallelogram elevation** has a 5,2 m high reach (operator's eye).



All technology at operator's service



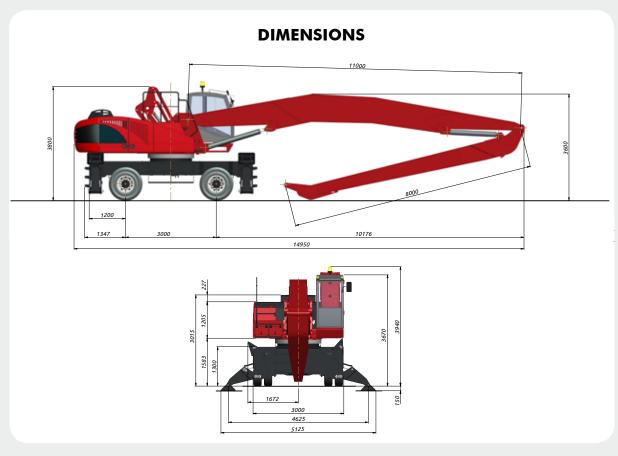
AF18: Gooseneck boom 11,00 m

Industrial stick 8,00 m

OPERATING WEIGHT:

45.000 kg

OPERATING WEIGHT WITH, 4
OUTRIGGERS, FULL RUBBER TYRES,
STRAIGHT BOOM 11,00 m,
DIPPER STICK 8,00 m,
RV 800 ORANGE PEEL GRAB AND
ROTATOR





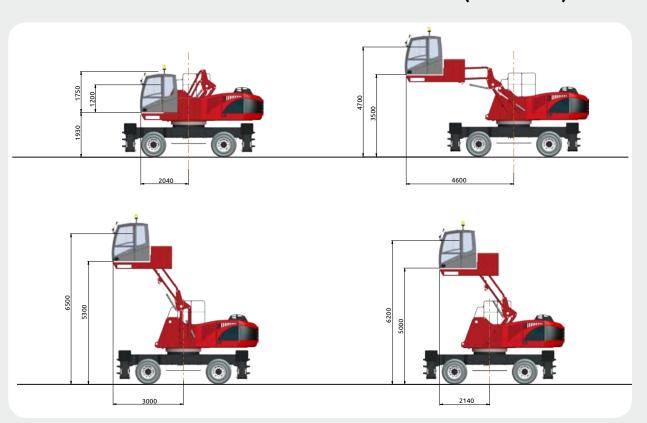
LIFTING CAPACITIES TONS

LIFTING RANGE (m)

			5,50			7,50			10,5			13,5			16,50			18,1	
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_	00							5,63*	5,63*	4,9*	4,57*	4,08	3,06						
15	工口							5,63*	5,63*	4,9*	4,57*	4,57*	3,97*						
	<u> </u>							5,63*	5,63*	4,9*	4,57*	4,57*	3,97*						
	00							1	<i>5,57</i> *	•	•	4,17	3,12						
12	Τ̈́Γ								<i>5,57</i> *	•	•	4,87*	•						
_	<u> </u>							-	5,57*		-	4,87*	•						
	ÖÖ								5,91*	•	5,02*	3,97	2,98	3,68	2,42	1,81			
9	Τ̈́								5,91*	•		5,02*	•	4,48*	4,48*	3,70			
_									5,91*			5,02*		4,48*	4,48*				
			11,85*		i			6,59*	5,70	4,28	5,17	3,55	2,66	3,51	2,25	1,68			
6					i			i			5,35*			4,78*	4,77*	3,58			
_			11,85*	•			•	_	6,59*	_	_	5,35*		_	4,78*				
_			7,34*	•	-	•	5,60	6,81	4,61	3,46	4,64	3,03	2,28	3,23	1,98	1,49	2,66	1,54	1,15
3	1		7,34*	•			•		7,36*	•		5,79*	4,70	5,00*	4,49	3,37	4,50*	3,77	2,83
_			7,34*					_	7,36*			5,79*		5,00*	5,00*	4,26	4,50*	4,50*	3,62
	OO.		3,85*	•		5,66		5,91	3,74	2,80	4,12	2,53	1,90	2,96	1,72	1,29			
0	工口	•	3,85*	•		•	•	8,18*	8,17	6,13	6,18*	5,72	4,29	5,01*	4,21	3,15			
_		3,85*			-	11,15*		-	8,18*		_	6,18*		5,01*	5,01*	4,04			
	00	•	4,89*	,	8,37	5,00	3,75	5,33	3,19	2,39	3,79	2,22	1,66	2,84	1,59	1,19			
-3	十口		4,89*	•		8,76*	•	8,52*	7,55	5,66	6,4*	5,39	4,04	5,02*	4,08	3,06			
_	7	4,89*	4,89*	4,26*	-	8,76*		8,52*	8,52*	7,29	6,4*	6,40*	5,19	5,02*	5,02*	3,95			
	00				8,31	4,95	3,71	5,21	3,07	2,30	3,70	2,13	1,60						
-6	丁口				9,58*	9,58*	•	8,22*	7,44	5,58	6,08*	5,29	3,97						
	$\perp \perp$				9,58*	9,58*	8,34*	8,22*	8,22*	7,15*	6,08*	6,08*	5,11						

JUFTING CAPACITIES ON LONGITUDINAL AXIS UFTING CAPACITIES ON 360° WITHOUT SAFETY FACTOR UFTING CAPACITIES ON 360° ACCORDING WITH ISO 10567

"PANORAMA" CABIN - DOUBLE STAGE ELEVATION (AS OPTION)



^{*=} HYDRAULIC LIMIT - LIFTING CAPACITIES ARE ON HOOK WITHOUT GRABS, MACHINE STATIC, LEVEL SOLID GROUND, WITH AXLE LOCKED.

ACCESSORIES

- CENTRALIZED CREASING SYSTEM FOR THE UNDERCARRAGE - GEAR AND CARDAN JOINT PROTECTION - PARALIZICORRAM ELEVATION CARDIN H 5200 - PARALIZICORRAM ELEVATION CARDIN H 6000 - "PANORAMA" ELEVATION CARDIN H 6000 - OTERATOR SEAT WITH PREUMANTIC SUSPENSION AND HEATING DEVICE - SAVETY SEAL BELT - ARK-CONDITIONING SYSTEM - ARK-CONDITIONING SYSTEM - ARK-CONDITIONING FILTER WITH ACTIVATED CHARCOAL - RADIO CD PLAYER WITH BUELFOOTH® - RADIO CD PLAYER WITH BUELFOOTH® - WEIGHTING SYSTEM - ARIT-THEFT "MED" IMMOBILIZER DEVICE - TWO WORKING LEED USHTS OVER THE CARDIN - TWO WORKING LEED USHTS OVER THE CARDIN - TWO WORKING LEED USHTS OVER THE CARDIN - TOTAL PROTECTION FOR THE CARDIN - AUTOAUT CREASING SYSTEM FOR THE UPPERSTRUCTURE - THERMOSTATIC AUTOAUTIC REVESIBLE PAN - CONDITIONAL CREASING SYSTEM FOR THE UPPERSTRUCTURE - THERMOSTATIC AUTOAUTIC REVESIBLE PAN - GENERATOR SYSTEM - WORKING LIGHTS ON SECONDARY STICK - WORKING LIGHTS ON UPPERSTRUCTURE - SA WHITE WORKING LIGHTS ON LIPERSTRUCTURE - SA KEETY WALKS ON ALL THE CYLINDERS - CARTEN WALKS ON ALL THE CYLINDERS - CARTEN WORKING LICHTS ON UPPERSTRUCTURE - SKI WHITE WORKING LICHTS ON UPPERSTRUCTURE - TOWNING HOOK - STERNING ON JOYSTICK - ADDITIONAL HEARING SYSTEM FOR COLD WEATHER COUNTINGS - HIDDAULUC FILTER SYSTEM ON THE RETURN LINE OF THE GRAB - CAMERA WITH 7" COLDURED DISPLAY INTO THE CARIN	Accessories	As standard	As optional
- GRAZ AND CARDAN JOINT PROTECTION - PARALLELOGRAM ELEVATION CABIN H 6500 - PARALLELOGRAMELEVATION CABIN H 6500 - "PANICAMAN" ELEVATION CABIN H 6500 - OPERADOS SEAT WITH PNEUMATIC SUSPENSION AND HEATING DEVICE - SAFETY SEAT BELT - SAFETY SEAT BELT - ARK-CONDITIONING SUSPENSION AND HEATING DEVICE - ARK-CONDITIONING SUSPENSION - ARK-CONDITIONING PUER WITH ACTIVATED CHARCOAL - RADIO CD PLAYER WITH BILLIPLOCH® - RADIO CD PLAYER WITH BILLIPLOCH® - ARK-CONDITIONING SUSPENSION - ANTI-THEFT "MED" IMMOBILIZER DEVICE - TWO WORKING LIGHTS OVER THE CABIN - ANTI-THEFT "MED" IMMOBILIZER DEVICE - TWO WORKING LIED UGHTS OVER THE CABIN - FRONT WINDOW SCREEN PROTECTION - TOLAL PROTECTION FOR THE CABIN - FRONT WINDOW SCREEN PROTECTION - TOLAL PROTECTION FOR THE UPPERSTRUCTURE - THERMOSTATIC AUTOMATIC REVERSIBLE FAN - GENERATOR SYSTEM - WORKING LIED UGHTS ON SECONDARY STICK - WORKING LED UGHTS ON SECONDARY STICK - OPERE ROOMIN'T AND HEIGHT LIMIT DEVICES - SAFETY VAUES ON ALL THE CYLINDES - OVERLOAD WARNING DEVICE - STEAM WORKING LIGHTS ON COUNTERWEIGHT - EXTRA WORKING LIGHTS ON COUNTERWEIGHT - SETURA WORKING LIGHTS ON COUNTERWEIGHT - SETURA WORKING LIGHTS ON THE REFURN LINE OF THE GRAB - HORMALLIC RITER SYSTEM ON THE REFURN LINE OF THE GRAB - CARREA WITH 7" COLOQUIED DISPLAY INTO THE CABIN - CARREA WITH 7" COLOQUIED DISPLAY INTO THE CABIN - CARREA WITH 7" COLOQUIED DISPLAY INTO THE CABIN - CARREA WITH 7" COLOQUIED DISPLAY INTO THE CABIN	- N° 8 twinned solid rubber tyres with spacer rubber rings	•	
- PARALIELOGRAMELEVATION CABIN H 6000 - PARALIELOGRAMELEVATION CABIN H 6500 - "PANORAMA" ELEVATION CABIN H 6500 - OTERATOR SEAT WITH INTERMATIC SUSPENSION AND HEATING DEVICE - SAFETY SEAT BEST - ARK-CONDITIONING SYSTEM - ARK-CONDITIONING SYSTEM - ARK-CONDITIONING SYSTEM - ARACODITIONING SYSTEM - RADIO CD PLAYER - RADIO CD PLAYER - RADIO CD PLAYER - RADIO CD PLAYER WITH BLUETOOTH® - WEIGHTING SYSTEM - ANT-THERT "MED" IMMOBILIZES DEVICE - TWO WORKING LIGHTS OVER THE CABIN - FRONT WINDOW SCREEN PROTECTION - TOTAL PROTECTION FOR THE CABIN - FRONT WINDOW SCREEN PROTECTION - TOTAL PROTECTION FOR THE CABIN - AUTOMATIC GREASING SYSTEM FOR THE UPPRISTRUCTURE - CHEMICAS SYSTEM - GENERATOR SYSTEM - GENERATOR SYSTEM - GENERATOR SYSTEM - WORKING LIGHTS ON SECONDARY STICK - DIPPER PROMINITY AND HEIGHT UNIT DEVICES - AFFETY AVOES ON ALL THE CYLINDERS - OVERLOAD WARNING DEVICE - SKEWHITE WORKING LIGHTS ON COUNTERWEIGHT - SETA WORKING LIGHTS ON COUNTERWEIGHT - SETA WORKING LIGHTS ON COUNTERWEIGHT - STEAD WORKING LIGHTS ON COUNTERWEIGHT - STEAD WORKING LIGHTS ON COUNTERWEIGHT - STEAD WORKING LIGHTS ON THE RETURN LINE OF THE GABA - CAMERA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMERA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMERA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMERA WITH 7" COLOURED DISPLAY INTO THE CABIN	- Centralized greasing system for the undercarriage		•
- PARALLELOCRAMAE ENVATION CABIN H 6500	- Gear and cardan joint protection		•
- "PANCEMANA" ELEVATION CABIN H 6500 - OPERATOR SEAT WITH INFLUMATIC SUSPENSION AND HEATING DEVICE - SAFETY SEAT BELT - AIR-CONDITIONING SYSTEM - AIR-CONDITIONING SYSTEM - AIR-CONDITIONING SYSTEM - RADIO COP PLAYER - RADIO COP PLAYER WITH ACTIVATED CHARCOAL - RADIO COP PLAYER WITH BLUETOOTH® - WEIGHTING SYSTEM - WEIGHTING SYSTEM - AUTI-THEFT "MED" IMMOBILIZER DEVICE - AVIT-THEFT "MED" IMMOBILIZER DEVICE - TWO WORKING LEFD LIGHTS OVER THE CABIN - TWO WORKING LEFD LIGHTS OVER THE CABIN - TWO WORKING LEFD LIGHTS OVER THE CABIN - TOTAL PROTECTION FOR THE CABIN - AUTOMATIC GRASING SYSTEM FOR THE UPPERSTRUCTURE - THERMOSTATIC AUTOMATIC REVERSIBLE FAN - GENERATOR SYSTEM - WORKING LEFD LIGHTS ON SECONDARY STICK - WORKING LIGHTS ON SECONDARY STICK - DIPPER PROMITY AND HEIGHT LIMIT DEVICES - SAFETY MAURES ON ALL THE CYLINDERS - SAFETY MAURES ON ALL THE CYLINDERS - SOVERIOND WARNING DEVICE - SOW WHITE WORKING LIGHTS ON COUNTERWEIGHT - EXTRA WORKING LIGHTS ON UPPERSTRUCTURE - TOWING HOOK - SIERRING ON JOYSTICK - ADDITIONAL HEATING SYSTEM FOR COLD WEATHER COUNTRIES - HYDRAULD FILTER SYSTEM ON THE RETURN LINE OF THE GRAB - HYDRAULD FILTER SYSTEM ON THE RETURN LINE OF THE GRAB - HYDRAULD FILTER SYSTEM ON THE RETURN LINE OF THE GRAB - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN - CAMENA WITH 7" COLOURED DISRAY INTO THE CABIN	- Parallelogram elevation cabin H 5200	•	
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- ARF-CONDITIONING FILTER WITH ACTIVATED CHARCOAL - RADIO CD PLAYER - RADIO CD PLAYER - RADIO CD PLAYER WITH BLUETOOTH® - WEIGHTIING SYSTEM - ANTI-THEFT "MED" IMMOBILIZER DEWCE - TWO WORKING LIGHTS OVER THE CABIN - TWO WORKING LIGHTS OVER THE CABIN - TWO WORKING LIGHTS OVER THE CABIN - FRONT WINDOW SCREEN PROTECTION - TOTAL PROTECTION FOR THE CABIN - AUTOMATIC GREASING SYSTEM FOR THE UPPERSTRUCTURE - THERMOSTATIC AUTOMATIC REVERSIBLE FAN - WORKING LIGHTS ON SECONDARY STICK - WORKING LIGHTS ON SECONDARY STICK - DIPPER PROXIMITY AND HEIGHT LIMIT DEVICES - SAFETY VAIVES ON ALL THE CYLINDERS - OVERLOAD WARNING DEWCE - SIX WHITE WORKING LIGHTS ON COUNTERWEIGHT - EXTRA WORKING LIGHTS ON LOUNTERWEIGHT - TOWING HOOK - STEERING ON JOYSTICK - ADDITIONAL HEATING SYSTEM FOR COLD WEATHER COUNTRIES - HYDRAULIC FILTER SYSTEM ON THE RETURN LINE OF THE GRAB - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN - CAMEBA WITH 7" COLOURED DISPLAY INTO THE CABIN	- Safety seat belt	•	
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- Working Lights on secondary stick - Working LED lights on secondary stick - Dipper proximity and height limit devices - Safety valves on all the cylinders - Overload warning device - Six white working lights on counterweight - Extra Working lights on upperstructure - Towing hook - Steering on joystick - Additional heating system for cold weather countries - Hydraulic filter system on the return line of the grab - Camera with 7" coloured display into the cabin	- Thermostatic automatic reversible fan	•	
- Working LED lights on secondary stick - Dipper proximity and height limit devices - Safety valves on all the cylinders - Overload warning device - Six white working lights on counterweight - Extra Working lights on upperstructure - Towing hook - Towing hook - Steering on joystick - Additional heating system for cold weather countries - Hydraulic filter system on the return line of the grab - Camera with 7" coloured display into the cabin	- Generator system		•
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- Six white working lights on counterweight - Extra Working lights on upperstructure - Towing hook - Steering on joystick - Additional heating system for cold weather countries - Hydraulic filter system on the return line of the grab - Camera with 7" coloured display into the cabin	- Safety valves on all the cylinders	•	
- EXTRA WORKING LIGHTS ON UPPERSTRUCTURE - TOWING HOOK - STEERING ON JOYSTICK - ADDITIONAL HEATING SYSTEM FOR COLD WEATHER COUNTRIES - HYDRAULIC FILTER SYSTEM ON THE RETURN LINE OF THE GRAB - CAMERA WITH 7" COLOURED DISPLAY INTO THE CABIN	- Overload warning device	•	
- TOWING HOOK - STEERING ON JOYSTICK - ADDITIONAL HEATING SYSTEM FOR COLD WEATHER COUNTRIES - HYDRAULIC FILTER SYSTEM ON THE RETURN LINE OF THE GRAB - CAMERA WITH 7" COLOURED DISPLAY INTO THE CABIN	- Six white working lights on counterweight	•	
- STEERING ON JOYSTICK - ADDITIONAL HEATING SYSTEM FOR COLD WEATHER COUNTRIES - HYDRAULIC FILTER SYSTEM ON THE RETURN LINE OF THE GRAB - CAMERA WITH 7" COLOURED DISPLAY INTO THE CABIN •	- Extra Working lights on upperstructure		•
- ADDITIONAL HEATING SYSTEM FOR COLD WEATHER COUNTRIES - HYDRAULIC FILTER SYSTEM ON THE RETURN LINE OF THE GRAB - CAMERA WITH 7" COLOURED DISPLAY INTO THE CABIN •	- Towing hook		•
- HYDRAULIC FILTER SYSTEM ON THE RETURN LINE OF THE GRAB - CAMERA WITH 7" COLOURED DISPLAY INTO THE CABIN •	- Steering on joystick		•
- Camera with 7" coloured display into the cabin	- Additional heating system for cold weather countries		•
	- Hydraulic filter system on the return line of the grab		•
- Fuel and hydraulic Oil refilling pumps •	- Camera with 7" coloured display into the Cabin		•
	- Fuel and hydraulic oil refilling pumps		•

TECHNICAL DATA EXP 5045

DIESEL ENGINE

TCD 6.1 L6 4V - T4 (tier 4 final) – Ecological with catalytic converter DVERT®,DPF+SCR® and emissions controlled with electronically controlled injection – 6 cylinders in-line – 4 valves - turbocharged with intercooler air/air - common rail - direct injection - water cooled - electric starting system 24 V.

Displacement 6060 cm3

Power: 180 kW (241 CV) @ 1800 rpm

Max torque: 1000 Nm @ 1450 rpm

Tank capacity: 310 l

HYDRAULIC SYSTEM

Open circuit LOAD SENSING + SYNCRON CONTROL

Variable displacement axial piston pumps with oil flow adjustment according to the load requirements and with electro-hydraulic engine speed regulation.

Max. flow: 540 l/min
Max. hydraulic pressure: 330 bar
Hydraulic tank capacity: 400 l
Hydraulic circuit capacity: 490 l

Four additional pumps for auxiliary services. Hydraulic oil cooling by means aluminium large mesh heat exchanger combined with engine radiator. Automatic reversible fan for radiator cleaning.

LOAD SENSING system distributor block with simultaneous movements independent of the load and without interaction with synchronised control of all functions.

The third boosted boom ram of the "Load Energy Saving System" (LESS) can reduce the fuel consumption more than 20%.

TRAVEL

Hydrostatic with 4 wheel drive by means of a variable displacement hydraulic axial piston motor mounted on a two speed gearbox hydraulically operated from the cab coupled to the rear axle

Travel controlled by two separate pedals (one for each travelling direction).

Travel speed (in both directions)

Working speed: from 0 to 6 km/h Travel speed: from 0 to 18 km/h

Differential axles 3,00 m wide with planetary reduction gears on the hubs.

Braking valve integrated on the hydraulic motor.

STEERING

Hydraulic steering system powered by an independent pump. The front floating steering axle can be hydraulically locked from the cabin in any position.

TYRES

N° 8 twinned full rubber tyres "SUPERELASTIC" front and

- 12.00 x 20 (with rubber spacer rings)

 $\ensuremath{\text{N}^{\circ}}$ 8 front and rear twinned pneumatic tyres type "X MINE" D2"

12.00 x 20 - 20 PR

ARMS

11,0 m gooseneck boom and 8,0 m dipper stick

BRAKES

SERVICE BRAKES: Multiple disc brake oil bath on the rear axle.

PARKING AND EMERGENCY BRAKES: hydraulically released, multiple discs in oil bath on the rear axle with electrohydraulic control for unlocking.

SWING SYSTEM

Unlimited rotation in both directions by means of 2 axial piston hydraulic motors controled by a main valve. Each motor are splined to a double stage reduction gear with oil bath gears. - Anti-shock valves protect the system.

High diameter double row ball bearing ring with internal teeth. Automatic greasing system

Max rotation speed: 7 rpm
Overall dimensions of rotating turret: 3,30 m

OPERATOR'S CAB

Hydraulically operated raising driver's cab mounted on a parallelogram linkage installed on silent block with large windows of tinted heat resistant safety glass; front sliding window, and lateral opening window. Winter heating and air conditioned installed as standard. Radio preset. Double windscreen wiper with washer.

"GRAN COMFORT" operator's seat with shock absorbing suspension, headrest, lumbar support, belt winder, electric seat heating device and armrests adjustable height and angle. Many possibilities of adjustment according to operator's weight and size with joysticks incorporated in its arms. AUTO-IDLE electronic accelerator with two automatic preselected rpm.

The instrumentation includes:

Engine speed indicator, fuel level, water thermometer. Display shows: hour counter, hydraulic oil temperature, Volt, oil engine pressure, fuel consumption, engine diagnostics, and maintenance program.

Warning lights showing: air cleaner and oil filter clogging, park brake, low fuel, brakes failure, lights, hydraulic oil low level.

HYDRAULIC CONTROLS

N° 2 electronical controlled joysticks to carry out four operations each with electric pushbuttons incorporated. Electro switch for grab rotator. Proportional electric roller for outriggers and/or front blade. Electro switch for magnet (if installed). Keybord with electro switchs for for controlling gear box, parking brakes, hydraulic raising of the cab, front axle oscillation lock.

SOUND LEVELS

SOUND LEVELS (EEC Directive 2000/14/CE) Inside cab LpA 79 dB (A)

ELECTROMAGNETIC COMPATIBILITY

In accordance with CE Directive (Dir. 2004/108/CE)

OVERLOAD WARNING DEVICE

In accordance with (Dir 2006/42/CE) this device provides to check the crane stability while loading in accordance with loads and distances (as standard)

Optical warning advise danger and conditions locking movement when the stability limits are reached. Visualising of the lifting charge and the liftable charge limit, in each position.



Viale delle industrie, 9 45100 ROVIGO - ITALY phone +39 0425 474833 fax +39 0425 475548 www.solmec.it solmec@solmec.it