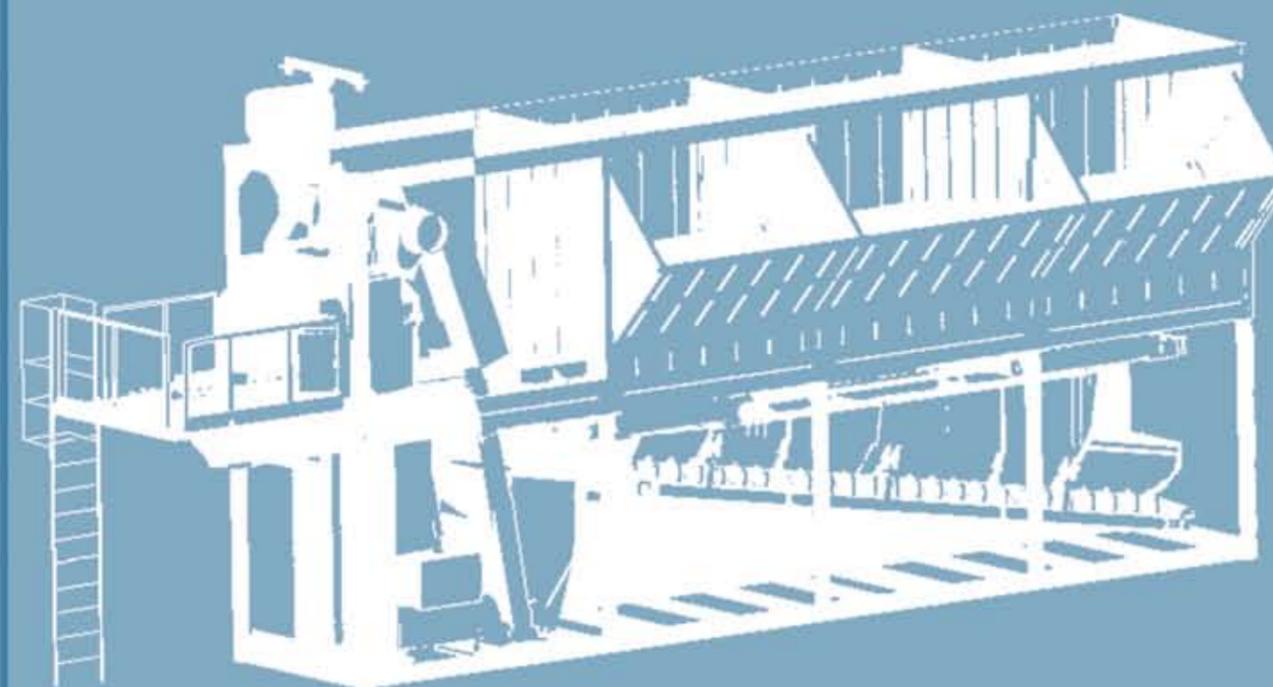


OPTIONS FOR MSG 4.1.45 ON THE ROAD

OPTIONS	DESCRIPTION	IMAGES
VIBRATORS	Possibility of installing 4 other vibrators: - 2 on the weighing hoppers (one on the 40' module, one on the 20' one) - 2 on the extractor gate (one on the 40' module, one on the 20' one)	
MOISTURE AND PLASTICITY TESTING SYSTEM	Automatic system of checking and testing aggregate moisture and plasticity composed of: - 3 (5) aggregate moisture detecting probes inserted in the material leaving the storage hoppers - 1 moisture detecting probe inserted directly in the mixing tank - 1 system for collecting data from the probes with readings of the moisture present in the extracted aggregates - 1 power watt meter to check concrete plasticity	
WATER DOSAGE BY WEIGHT	Automatic water dosage by weight including: - stainless steel container 441 Lb (200 kg) capacity - water dosage system with loading cell - automatic discharge using pneumatic valve - calculation electric/electronic apparatus inserted in the general one	
ADDITIVE DOSAGE BY WEIGHT	Automatic dosage system for 1(2) liquid and viscose additives including: - stainless steel container 66 lb (30kg) capacity - additive dosage system with loading cell - calculation electric/electronic apparatus inserted in the general one - 1 (2) additive pumps	
VOLUMETRIC ADDITIVE DOSAGE SYSTEM	- Dosage system of 1 (2) liquid or viscose additives with 10 pulse per gallon or litre - Calculation electric/electronic apparatus inserted in the general one - The storage tanks are not included however the additive pumps are	
CEMENT SILO	Silo in electro-welded sheet metal reinforced to contain and store cement, capacity 42m3, including steel structure, steel pipes for pneumatic loading, anti-explosion safety valve, guillotine valve, flanges for inserting minimum and maximum limit switches, flange for installing silo top filter. Silo accessories: - aeration system composed of nozzles arranged on two levels of the silo cone - dust collector	
SCREW CONVEYOR FOR LOADING CEMENT	6" (193 mm) diameter screw conveyor, about 23' (7000 mm) long to fill the scales, includes the butterfly valve, hose, cement scale connecting boots, motor started and wiring.	
PERSONAL COMPUTER	Latest version personal computer with supervision software COMPUMAT for managing and checking the whole system.	
PALMTOP WI-FI	The possibility to carry out management, quality control and supervision operations using an industrial palmtop Wi-Fi.	
IP CAMERAS	Equipment for checking the system from a distance composed of IP cameras installed on the mixer, aggregates extraction and dosage, with the possibility of seeing on the PC, palmtop Wi-Fi, remote computer and latest mobiles.	



MSG 4.1.45 ON THE ROAD





THE MSG 4.1.45 ON THE ROAD AN AUTOMATED CONCRETE BATCHING PLANT FOR PRODUCING HIGH QUALITY MIXED CONCRETE. THE MAIN STRUCTURE OF THIS SYSTEM IS THE TRAILER WHICH ACTS AS THE TRANSPORT SYSTEM OF THE PLANT ITSELF MAKING IT EASY TO TRANSPORT AND ASSEMBLE. TRANSPORTATION, INSTALLATION AND COMMISSIONING CAN ALL BE CARRIED OUT BY CUSTOMER'S EXISTING CREW WITHOUT THE NEED FOR FOUNDATIONS, PLUMBING OR ELECTRICAL CONNECTIONS. THE PLANT GOES TOGETHER USING PINNED CONNECTIONS WITH NO NEEDS FOR BOLTS AND NUTS THAT WE CALL OUR "ZERO NUTS AND BOLTS DESIGN". THE ELECTRICAL AND HYDRAULIC CONNECTIONS ARE CARRIED OUT AND TESTED IN THE FACTORY WITH THE AIM OF GUARANTEEING MAXIMUM RELIABILITY OF THE WHOLE SYSTEM, THE CUSTOMER'S ASSEMBLY CREW ARE THEREFORE REQUIRED ONLY TO CONNECT INDUSTRIAL PLUGS AS REGARDS THE ELECTRICAL PART AND CONNECTORS FOR THE HYDRAULIC PART IN ORDER TO GET THE CONCRETE MIXING PLANT WORKING. MANAGING THE PLANT AUTOMATION AND SUPERVISION IS THE MOST TECHNOLOGICALLY ADVANCED PART OF THE SYSTEM AND IT MAKES THE ENTIRE WORKING OF THE STRUCTURE BASIC, THE MIXING TAKES PLACE IN A VERY SHORT TIME AND IT PRODUCES 40 METRES CUBED PER HOUR OF THE HIGHEST QUALITY CONCRETE.



MSG 4.1.45 ON THE ROAD TECHNICAL DETAILS

TYPE OF MIXER	1.0 MAV / 1 m ³	1500 MP/ 1.3 yd ³
HOURLY CONCRETE PRODUCTION	40 m ³ / h	52,31 yd ³ / h
NUMBER OF AGGREGATES	4 clamshell gates	4 clamshell gates
AGGREGATE STORAGE	30 m ³	39.23 yd ³
AGGREGATE SCALE CAPACITY	2 m ³	2,61 yd ³
AGGREGATE WEIGHING SYSTEM	3 load cells	3 load cells
SCALE EXTRACTOR BELT CAPACITY	60 m ³ / h	78,47 yd ³ / hr
CEMENT SCALE CAPACITY	500 Kg	1101 lb
WATER DOSAGE	Automatic water dosing by water meter 1 pulse/litre	Automatic water dosing by water meter 1 pulse/gal
MANAGEMENT SYSTEM	Compumat / Concremat	
UNLOAD HEIGHT	4 m	13' 12"
COMPOSITION	1 Trailer	
WEIGHT WITH MIXER	13,5 t	298 lb
WEIGHT WITHOUT MIXER	9 t	198 lb
COMPRESSOR	100 litres	26,41 gallon
TOTAL INSTALLED HORSE POWER	65 Kw	88 Hp
MAXIMUM REQUIRED HORSE POWER WITH MIXER	55 Kw	73 Hp
MAXIMUM REQUIRED HORSE POWER WITHOUT MIXER	25 Kw	34 Hp

