

TECHNICAL DATA SHEET

CONCRETE PLANT – upgraded TEKA

Equipment Information:		
General data:	Brand/Producer	TEKA/ TEKA, GERMANIA
	Type	TEKA 1500A-RS4/4X35mc
	Production year	2006
Technical data:	Production capacity	45mc/hour
	No. of screw conveyors	2
	Mixer	Forced type concrete mixer: THZ 1500-1,00 mc/batch Mixer filling capacity: 1500 liters, Mixer filling capacity free aggregates: 2400kg Mixer power drive: 37kw Mixer weight: 4200kg
	Mixer motor drive power	P=37kw
	Features	Electrical control system for cement at plant Compressor with maintenance unit (10 bar, P=2, 2kw, recip under pressure: 270 liters) Dosing and mixing plant TEKA THZ 1500A Scales: Cement (0-500kg) Water ((0-250 litri) Aggregate (0-2500kg), Additives (electronic) Aggregate skip (P=15kw), cp. 15 liters Cement screw conveyer with possibility of dosing Water dispensers Weight conveyor belt - 4 doses tensom. (motor P=18,5kw, width 800mm ,capacity 325mc/hour) Skip (motor P=18kw) Aggregate silos (0-35mm): 4x35mc+ guillotine valves, electropneumatically controlled, distribution pipe + air cushion Vibrator for sand compartment Cement silos , standard -2 pcs 80mc/100tons, unicameral, diamter 2900mm. Featured with wells, filling valves, limit switch, air dispersing system Dosing computer+weighting, DS 2000 Computer management , TB-Win/NT 2000
	Enviroment protection features	Max-min pressure monitors in the upper part of the silo, with welded plug Air filters for cement silos, tip : SL 1.18 POCKETFILTER, protection system IP55 Overload controls - min-max indicator, with well, filling valves DN80, pilot valves 230v/50Hz, limit switch, warning horn 230v/50Hz
Enviroment protection features	Air dispersion system: for cement silos - 4 lances of sintered metal, a mono-block system, with connection hose, circular closed pipe circuit, with air connection, control valves, maintenance unit, pressure reducer and manometer. Water separator with manual drain valve DN 250 butterfly valves - manually operated for cement silos discharge openings, with double flange, manual lever, flange rubber sealing	

