

Mix & Pumpstation MPS 100-E-B-AUT

Standard features	
Electric Drive	electric motor 22 kW, 1.500 /min, 400V AC, 50 Hz automatic phase correction, no zero conductor required gate voltage 24V DC operating hour meter, compressor, maintenance unit
Hydraulic	oil tank volume 150ltr., axial piston pump and cogwheel pump, oil cooler
Feed Pump	vertical two-plunger pump, bore dia 100mm flow rate per double stroke V = 2,8 ltr./stroke pump valve self-acting (ball valve) by-pass valve / drain valve manually controlled adjustable quantity elektro-proportional
Feed Pressure Gaging	pressure gage 0–100bar, dia. 100mm, complete w. VA membrane
Water Metering	water distribution w. flushing connector and shut off valve DN50 pneumatically water reservoir and metering tank V = 200 ltr. fixed overflow, pneumatically controlled water outlet valve DN50 water distribution w. C–coupling for input and shut off valve DN50 full automatic water metering w. fluid level indicator
Framework	steel frame w. runners, partially with cowling and partition panel, floor panel and oil Drip pan, central towing device fork lift guide, transfers and lengthwise, paint coating 2K-paint, RAL
Reservoir	round tank w. konical floor, cleaning opening, suction sieve, run in basket 5mm reservoir covers, shut off valve DN50 volume 500ltr., effective volume 450ltr., container cover, slowly turning agitator, fluid control by sonar sensor drive mechanism hydraulic, revolutions per minute continuous controllable
Mixing Tank	round tank w. konical floor, hopper w. bag ripper volume 250ltr., effective volume 200ltr., drive mechanism hydraulic covered worm gear pump intake weight system with a Display and automatic control of dosing worm pump 3 preselectable mixture ratios, adjustable by selector switch mixture preparation automatically or manually controlled display of mixture number and total solid substance consumption circulation – and pump off automatically controlled all shut off valves pneumatically controlled No dosing worm pump necessary! Standard dosing worm pump usable
Tools in Mixing Tank	two fast turning agitators on one common drive shaft incl. pump off function one agitator dia. Ø 250mm, 1 pump rotor, pump drive wheel Ø 185mm drive shaft bearing above mixer fluid level no stuffing seals, sodry running possible w/o any problems
Control Devices	rotary switch for pressure control, rotary switch for flow rate control cut off valve / adjustment of mixer speed cut off valve / adjustment of agitator speed on/off switch for feed pump, mixer and stirring device on/off tip switch for fully automatic water metering on/off remote-control switch connector, operating hour meter
Weight system	Hand/Auto switch, preliminary election switch for three mixing proportions auto-start switch, Led-display balance and adjustment total weight for water and solid matter switch for total mixtures and total weight
Accessory Parts	special tools for service and maintenance, service manual and part list preselector switch for total flow rate setting, flow rate meter w. /w/o. zero setting water metering w. adjustable over-flow remote-control w. cable, 100m cable reel remote-control (legal authorization not necessary) as optional equipment deliverable high pressure cleaner 210bar, low speed device for industrial usage with rotor jet x 10m high pressure tube, inside installed
Supplementary Devices	pressure and flow rate recorder, electronic feed pressure gages at injection location electronic flow rate gages, dosing worm pump

