

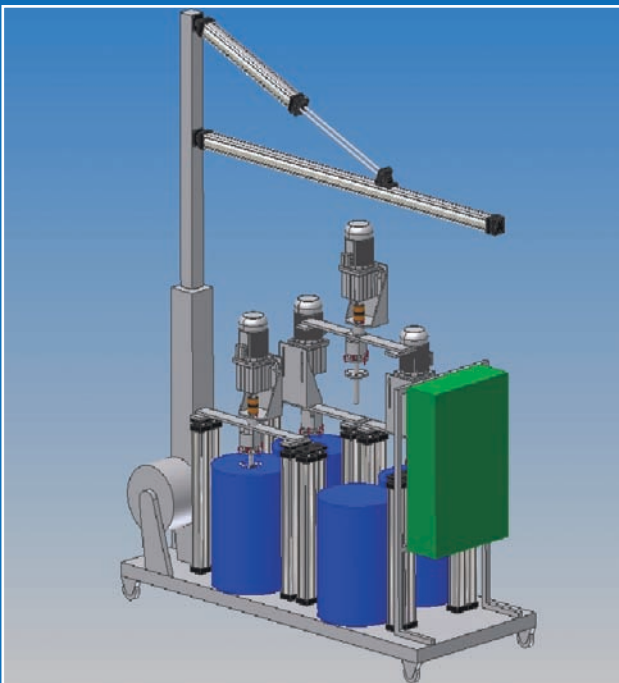
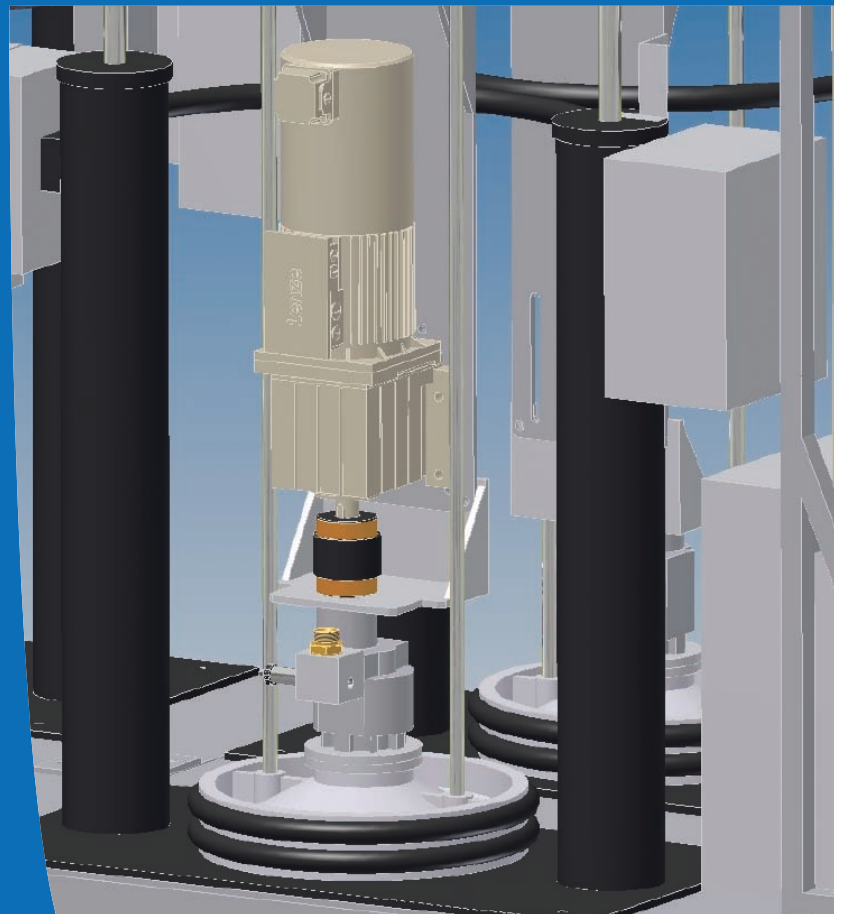
Liquid Control Ltd (LCL) have been successfully involved with supplying the Wind Turbine industry with 2 component resin metering, mixing and dispensing machines for 20 years . Designing, developing and manufacturing innovative gear metering systems with fail safe ratio control crucial for the demands set down by the Wind Turbine industry.

LCL's main activity for this industry has been the processing of resins for infusion, gel-coating and surface repair applications and after working close with our customers and listening to their requirements we are now able to offer our DXL200 Adhesive mixing machine capable of 10 to 20 KG/min depending machine specification, with a ratio accuracy of $\pm 1\%$.

We have a range of standard specifications and would also welcome the opportunity customize specifically to customers needs.

Please contact us for demonstration and trials.

DLX200



DLX200

Standard Features

Metering Pumps:

Part "A" and "B" high viscosity resins

- 1x part "A"& 1 x part" B" Precision Geared pumps
- Size- 60cc/cycle
- Mounted- directly onto cast aluminium follower.
- Ration range 1:1 to 20:1
- Output rate-10KG/min after mixer and 9 metres of hoses.
- Output after mixer and minimum hoses 17KG/min

Drive:

- Variable ratio gear metering system with directly driven precision gear pumps. Ratio control via inverter drives and geared AC motors.
- Direct drive to gear pump
- Independent electric drive motor with inline gearbox and encoder.
- Mounted on 6" twin post lift ram

Control:

- Independent electronic drive, PLC controlled -HMI interface

Mixing Head support:

- Mixer support mounted on machine frame

Mixer:

- High throughput injection block and 1" static mixer.
- On mixer push button ratio check facility
- Flushing-programmable auto sequence single component base purge

Hoses:

- High pressure PTFE lined rubber

Frame:

- Sized to mount 2x 200lit barrels
- Robust manufacture with swiveling casters

Standard Options

Metering Pumps:

Part "A" and "B" high viscosity resins

- 2 x part "A" & 2 x part "B" precision geared pumps

Metering Pumps:

Part "B" low viscosity gear pumps

Control:

- Auto barrel change over to enable continuous production.

Flow monitoring:

- Independent Helical Screw with closed loop system constantly monitoring and adjusting ratio to within predetermined tolerances.
- Accuracy of metering =+-1%
- Continuous visual readout of ratio and flow rate.

Boom:

- 6m long with articulated middle.
- Pneumatically lowered/raised to assist manual ratio checking.
- Boom rotation allowed -270deg

Frame:

- Sized to mount 4 x 200 lit barrels
- On board compressor.
- Pneumatic /electric supply reels

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Products sold by Liquid Control Ltd are subject to ongoing development and improvement. The right is therefore to alter specifications without notice.