



## DILUSTOCK

### Solution and dosing system

DILUSTOCK is a fully automatic solution and dosing system, designed as two chamber system. The system is working discontinuously. Due to its compact design the space requirements of this unit are minimized. DILUSTOCK is suitable for the preparation of granular or liquid poly-electrolyte. The prepared solution is transferred to the storage tank via a large scale motor valve. As a result, the transfer time is reduced and by this the capacity of produced solution is increased. The tanks are designed with cover and inspection openings. This prevents the penetration of impurities from the environment into the solution and guarantees CE-conformity. The dry material feeder and disperser can be mounted directly on the unit or may be installed as separate unit on the floor (on the same or a different level). Stairs or platforms for product feeding are unnecessary. The plant is supplied ready for production with wiring and piping, factory tested (electrically and hydraulically).

#### Accessories:

- Appliance to avoid bridge-building in the powder feeder
- Alarm sensor "lack of product" (powder or concentrated liquid)
- Dosing and dispersion system for concentrated PE

Maximum output: 1,500.00 l/h or 3,000.00 l/h

The output depends on the maturity time.

#### Connected rates:

Control voltage: 24 V DC and 230 V AC, 50/60 Hz

Operating voltage: 400 V, 50 Hz

Protection class: IP 55

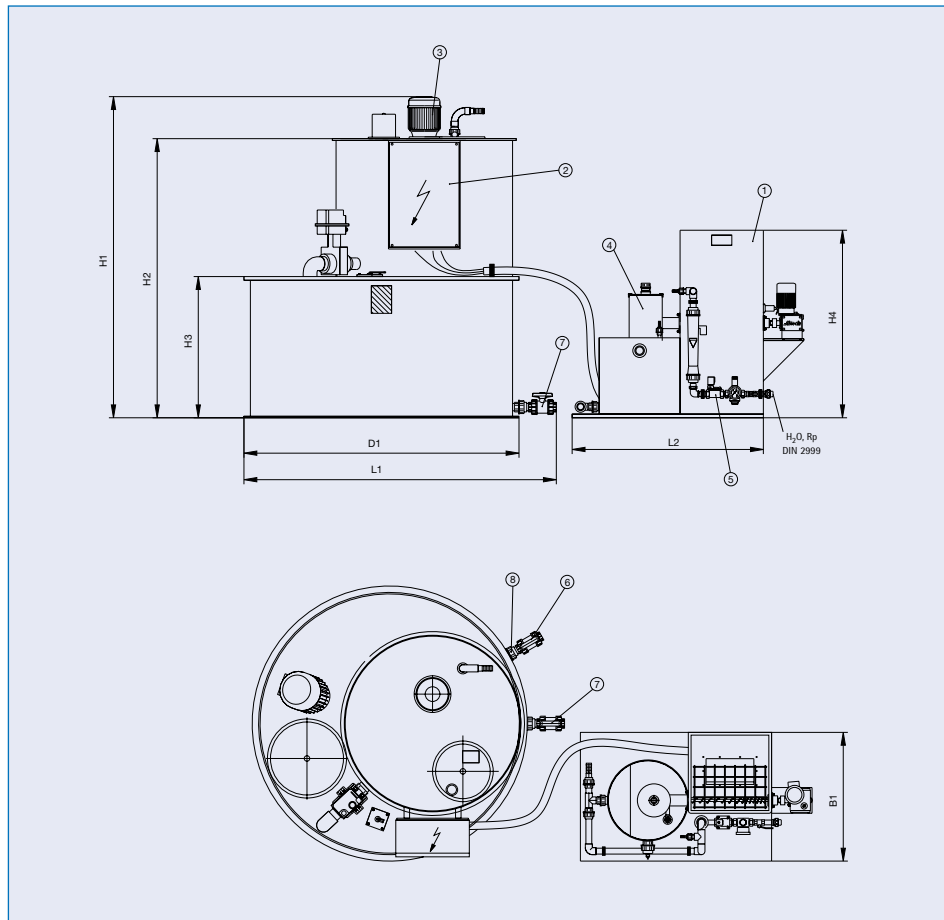
Connected load: 2,5 kVA (DILUSTOCK 1000)

3,0 kVA (DILUSTOCK 2000)

Operating water pressure: min. 3 bar

Solution viscosity: max. 2,500 cP

## Dimensional drawing DILUSTOCK



- 1) Dry material feeder
- 2) Switch cabinet
- 3) Agitator
- 4) High-capacity disperser
- 5) Water supply unit
- 6) Drain
- 7) Discharge
- 8) Overflow

Type	*) [l/h]	G [kg]	P [kVA]	Rp	6 [DN]	7 [DN]	8 [DN]	H1 [mm]	H2 [mm]	H3 [mm]	H4 [mm]	L1 [mm]	L2 [mm]	B1 [mm]	D1 [mm]
1000 KDR	1500	240	3,5	3/4"	32	32	32	2520	1520	770	-	1700	-	-	1500
1000 KDR GB	1500	270	3,5	3/4"	32	32	32	1750	1520	770	1020	1700	1040	700	1500
2000 KDR	3000	445	4,0	1 1/4"	50	50	50	3790	2790	1290	-	1915	-	-	1690
2000 KDR GB	3000	775	4,0	1 1/4"	50	50	50	3030	2790	1290	1020	1915	1040	700	1690

\*) max. output

Dimensions and indications of weight are approximate dimensions.

### Alltech Dosieranlagen GmbH

Rudolf-Diesel-Straße 2

76356 Weingarten

Germany

P.O. Box 120

76352 Weingarten

Germany

Phone: +49 | 72 44 | 70 26-0

Fax: +49 | 72 44 | 10 53

E-mail: [info@alltech-dosieranlagen.de](mailto:info@alltech-dosieranlagen.de)

Internet: [www.alltech-dosieranlagen.de](http://www.alltech-dosieranlagen.de)

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