

An IMCI Company

BIJUR DELIMON[®]
INTERNATIONAL



**Central lubrication for each
process step in the beverage industry**

Stretch blow moulding machines, filling machines, inspection machines, labelling machines, transportation technology, coolers or heaters, packaging machines, palletisers, robotics technology, PET recycling machines, shredder machines, PET presses, bottle cleaning machines and many more applications...

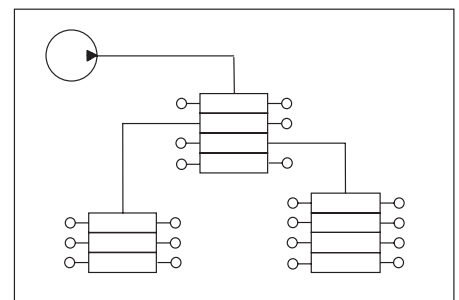
Wherever there is rotation or movement, this will cause two materials to come into contact, causing heat and wear. And this needs to be prevented or at least minimised. BIJUR DELIMON International has the ideal solution for any application. Whether you use oil, grease or liquid grease lubricants, BIJUR DELIMON International supplies exactly the right volume of lubricant to the right place at the right time.

Ever since 1872, we have been supporting our customers in reducing machine downtimes, lowering energy and maintenance costs, increasing occupational safety and protecting the environment.

Our aim is to lubricate drives, bearings, guides, slat conveyors and many other components with defined lubricant volumes, and there are numerous different lubricants and lubrication systems available for us to do so.

Progressive system

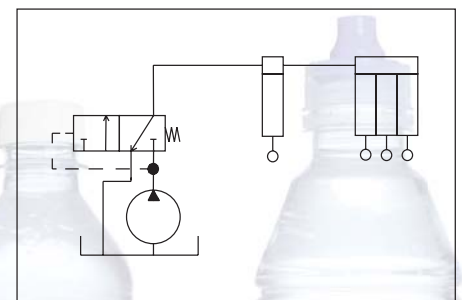
The progressive lubrication system makes it possible to supply lubricant to systems and machines with several hundred lubrication points. The grease or oil supplied by the piston pump or barrel pump is distributed via progressive dividers. Progressive dividers are available in three different designs; block design (PVE, PVB), segment design (ZP-A, ZP-B) and modular system design (M2500).



Single-line system

The single-line system is used in the field of small and medium-sized machines. With the single-line system, each lubrication point receives the exact volume of lubricant that it has been allocated.

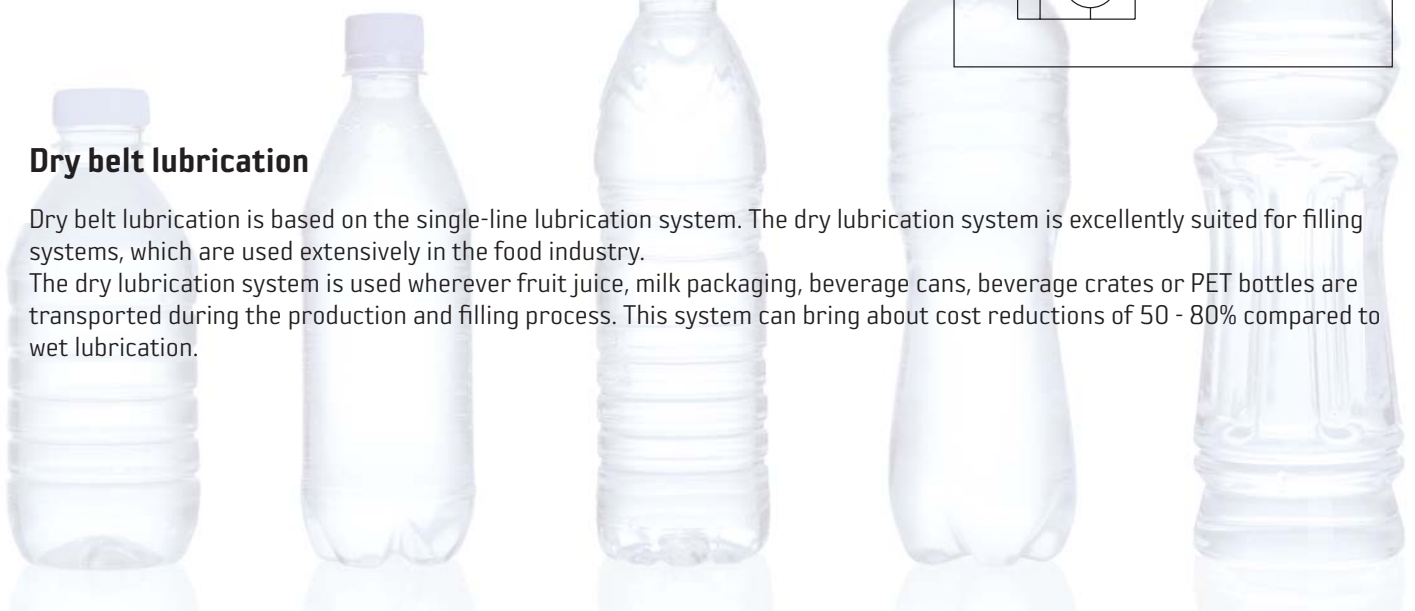
Main pipe lengths of up to 40 m are feasible, provided that corresponding pressure build-up and reduction is available.



Dry belt lubrication

Dry belt lubrication is based on the single-line lubrication system. The dry lubrication system is excellently suited for filling systems, which are used extensively in the food industry.

The dry lubrication system is used wherever fruit juice, milk packaging, beverage cans, beverage crates or PET bottles are transported during the production and filling process. This system can bring about cost reductions of 50 - 80% compared to wet lubrication.



DYNAMIS - electric piston pump

The pumps in the DYNAMIS and DYNAMIS Maxx series have a modular construction and can be used for all standard lubrication systems, whether as stand-alone systems or controlled via the machine control system. The modular construction makes it possible to configure the perfect pump for any application.

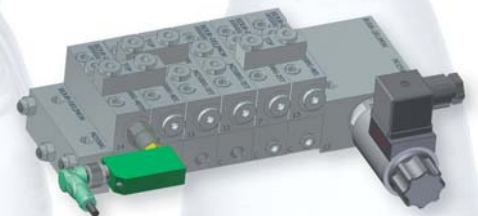


Technical Data

Pump type	System types					Outlets	Reservoir sizes (liter)						Voltages				Options		
	Single-line system	Multi-line system	Progressive system	Spray system	Air-oil system		2	4	8	12	15	20	12 V DC	24 V DC	115 V AC +/- 15% / 50-60 Hz	230 V AC +/- 15% / 50-60 Hz	Combination of outlets	Internal control	Level monitoring
DYNAMIS	X	X	X	X	X	1 - 2	X	X				X	X	X	X	X	X	X	X
DYNAMIS Maxx	X	X	X	X	X	1 - 3		X	X	X	X	X	X	X	X	X	X	X	X

Progressive dividers

Progressive dividers have the task of distributing the lubricant to the lubrication points in accordance with the dosing ratio. Dosing volumes of 0.07 to 4.0 cm³ per piston stroke are possible without having to perform any additional work, and the optional monitoring switches allow for complete function monitoring. There is also the option of fitting the progressive dividers with motion indicators, signal transmitters, over-pressure indicators or bursting discs.



Technical Data

Distributor type	Outlets	Dosing volumes cm ³	max. operating pressure bar	Coating	Stainless steel available
ZP-A	1 - 24	0.1 - 0.6	160	Zn-Ni / chem. Ni	1.4305
ZP-B	1 - 24	0.5 - 4.0	300	Zn-Ni	1.4305
PVE	1 - 12	0.07	300	Zn-Ni	
PVB	1 - 20	0.17	350	Zn-Ni	1.4404
M2500	1 - 20	0.08 - 1.3	400	Zn-Ni	

SureFire II - electric gear pump unit

The pump in the SureFire II series is designed for use in single-line systems with fixed-dosage piston dividers, and it can be configured to meet the specific requirements of each application thanks to its modular design. Reservoir sizes of 2 to 30 litres, pressure and level monitoring and the optional control system make the SureFire II a real all-rounder.



ZEM piston dividers

Piston dividers are used to distribute the lubricant to the lubrication points. Each lubrication point receives exactly the right volume of lubricant with each lubrication cycle. Single-line systems with ZEM dividers can be easily extended at any time. ZEM dividers are available in three sizes, allowing for dosing volumes of 0.01 to 1.5 cm³. The optional plug connectors on the divider outlets allow for quick assembly.



Technical Data

Divider type	Outlets				Dosing volumes (cm ³)												
	1	2	3	5	0,01	0,03	0,06	0,10	0,16	0,20	0,30	0,40	0,60	1,00	1,50	0,00	
ZEM 32	X				X	X	X	X	X								
ZEM 33	X				X	X	X	X	X								
ZEM 34		X	X	X	X	X	X	X	X								X
ZEM 35		X	X	X			X	X	X	X	X	X	X				X
ZEM 39	X	X	X							X	X	X	X	X	X		X

We're always here for you. Give us a call or send us an email:

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