

# Plunger pumps in drinking water design

Advantages for you and the environment!

Very high efficiency over the entire map, ie even in partial load operation.

Operating costs and CO<sub>2</sub> emissions are significantly reduced through a better efficiency factor.

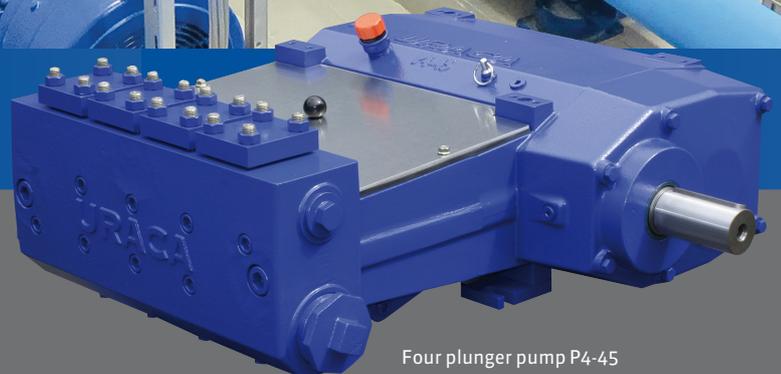
- With and without integrated reduction gear
- No cooling water required
- Flow rate independent of the discharge pressure
- Resistant to high concentrations of chlorine dioxide
- Very low maintenance effort
- Low net positive suction head required



Technical data	P3-45	P4-20	P4-45
Operating pressure max.	100 bar	100 bar	100 bar
Flow rate max.	8.05 l/s 28.98 m <sup>3</sup> /h	10.86 l/s 39.09 m <sup>3</sup> /h	10.75 l/s 38.70 m <sup>3</sup> /h
Efficiency factor max.	93 %	93 %	93 %
Weight approx.	345 kg	420 kg	420 kg
Inflow level min.	1.5 m	1.5 m	1.5 m
Further operating datas upon request.			
1 bar = 14.5038 psi, 1l = 0.26417 Gal., 1 kW = 1.3410 HP, 1mm = 0.03937 inch			



High Pressure Technology



Four plunger pump P4-45