

HYDRO-PNEUMATIC SUSPENSIONS

Range: Payload (Dump Trucks) from 35-120 Tons

Front



Rear



Specifications	1	2	3	4	5	6	7	8
Bore Dia (mm)	215.9	215.9	215.9	215.9	250	250	336.5	336.5
Rod Dia (mm)	177.8	165.1	177.8	165.1	200	200	304	304.8
Stroke (mm)	365.25	265	365.25	265	376	190	333.75	320
Load on Each Unladen (kg)	7000	2187	8660	2489	9958.8	6408.8	16921	7690
Laden (kg)	9653	15409	13712	20117	18252.6	29782.3	31196	50074
Nitrogen Pressure (kg/cm ²) ± 0.34	27.58	11.03	34.13	11.03	31.7	20.4	22.75	10.34
Charging Volume 10 ⁻³ x (cu.m)	5.04	7.343	5.288	7.343	4.741	3.454	13.9	13.86
Volume of oil (ltr)	14.2	12.7	14.2	12.7	22.5	18.3	57.5	33.1