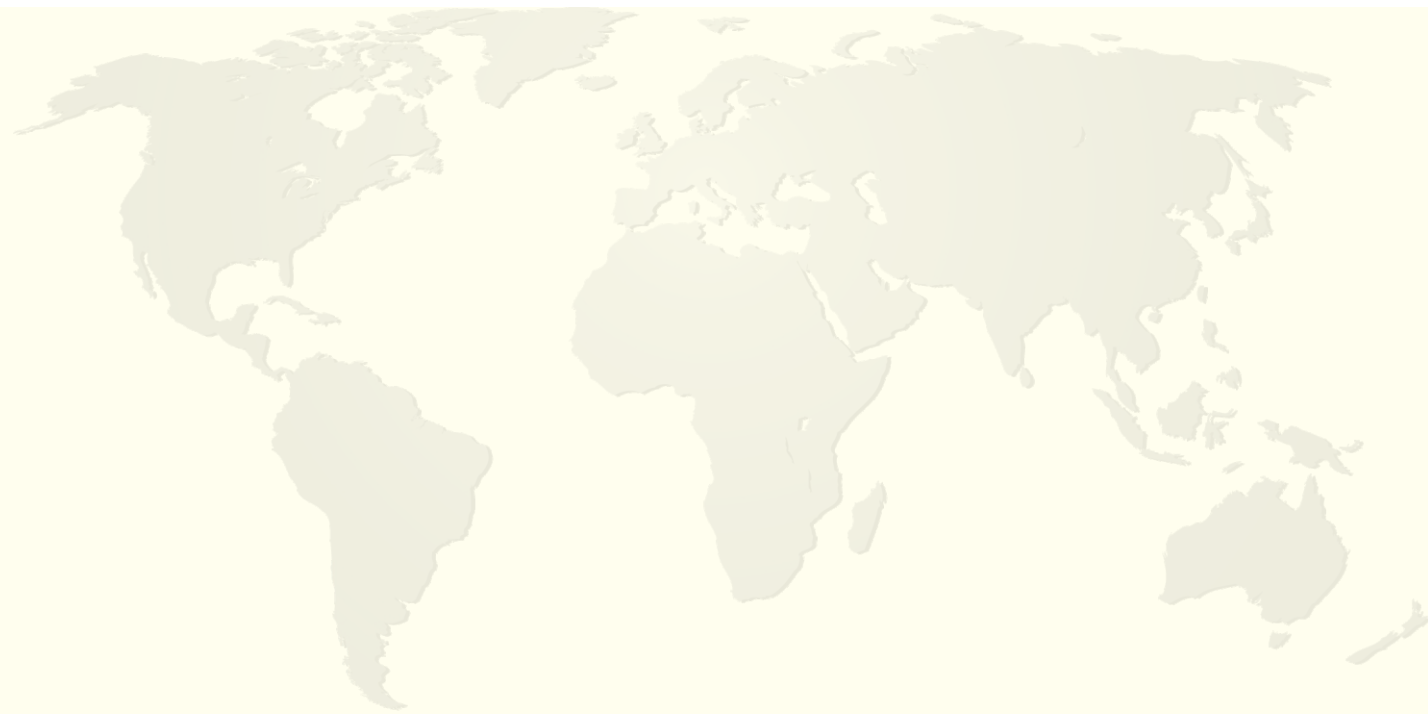




装载机液压密封系统产品手册

Manual of Shovel Loader Sealing System



Professional manufacturer of engineered polymer products



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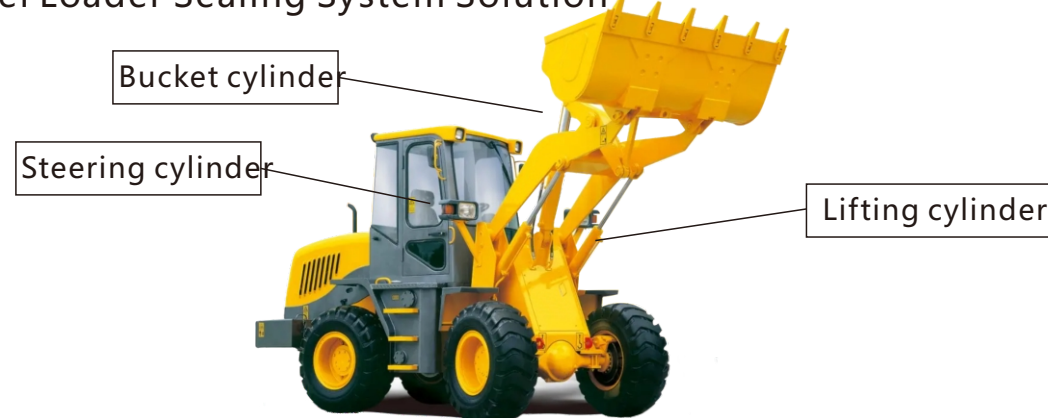


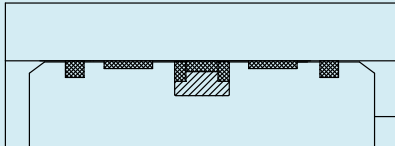
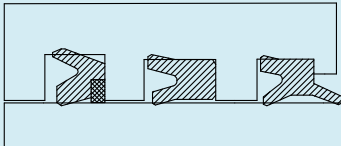
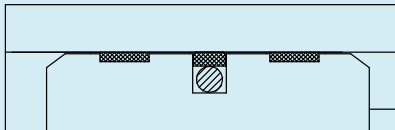
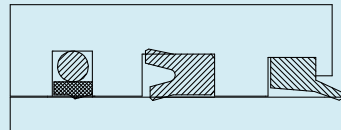
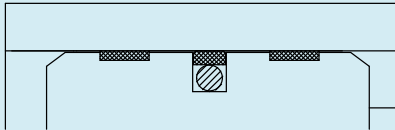
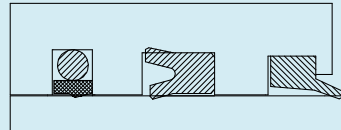
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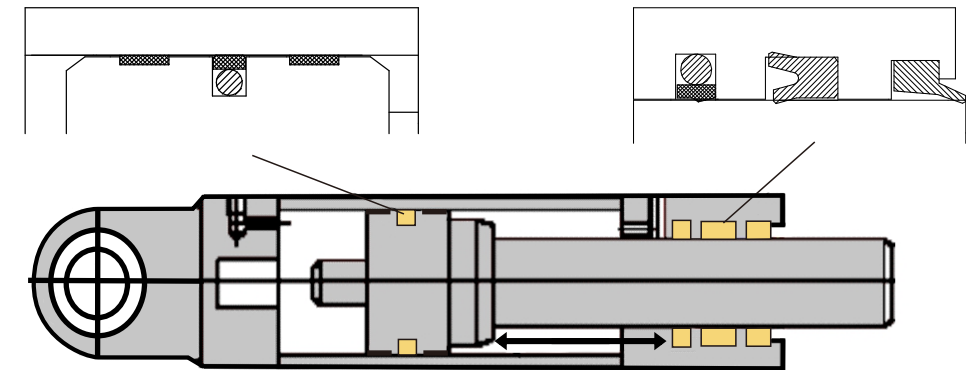
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Shovel Loader Sealing System Solution



Position		Piston seals system	Rod seals system
Bucket cylinder Use condition: •Pressure : 0 ~ 20.6MPa •Speed : 200 ~ 300mm/s •Temperature : -30~100℃	Dual-function cylinder		
Position		Piston seals system	Rod seals system
Lifting cylinder Use condition •Pressure : 0 ~ 20.6MPa •Speed : 200 ~ 300mm/s •Temperature : -30~100℃	Dual-function cylinder		
Position		Piston seals system	Rod seals system
Steering cylinder Use condition •Pressure : 0 ~ 20.6MPa •Speed : 200 ~ 300mm/s •Temperature : -30~100℃	Dual-function cylinder		

The occurrence of accumulated pressure should be prevented when the seals are used back-to-back or in series connection. So please adopt the seals with pressure relief function.



Seal name	applicable model		Name of the materials	Operating temperature
buffer ring		PLMR02BS	PLMPUR(PU) PLMPA(PA)	-30℃~110℃
		PLMR09S	PLMFLON+BRONZE(PTFE+BRONZE)+PLMRUBBER-N(NBR)	-30℃~100℃
Rod Seals		PLMR01	PLMRUBBER-N(NBR)	-30℃~100℃
		PLMR01-S Pressure relief	PLMPUR(PU)	-30℃~110℃
Wipers		PLMW02	PLMPUR(PU)	-30℃~110℃
		PLMW11		
		PLMW03C		
Seal name	applicable model		Name of the materials	Operating temperature
Piston seals		PLMB08D	PLMRUBBER-N(NBR) PLMFLON+BRONZE(PTFE+BRONZE)	-30℃~100℃
		PLMP23LF	PLMRUBBER-N(NBR) PLMFLON+BRONZE(PTFE+BRONZE) PLMPA(PA)	-30℃~100℃
Guide		Standard PLMG01 PLMG03	PLMTX(Phenolic resin sandwich cloth)	-55℃~120℃
		High strength	PLMTPI(Polyimide)	-200℃~230℃
Back-up ring		Standard	PLMFLON+BRONZE(PTFE+BRONZE)	-55℃~220℃
		High strength	PLMPA(PA)	-55℃~120℃