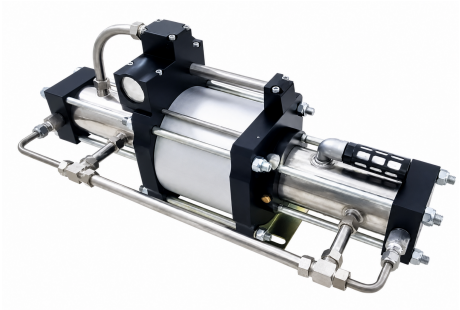
LITE LTD Series Gas Booster Pumps



Series appearance; supplied configuration follows the order.

LTD uses a single-stage, dual-head design for boosting gas supplied at a positive inlet pressure. Its pressure relation includes inlet pressure, so gas supply and drive-air conditions must be checked together.

- 6 models with boost ratios from 10:1 to 200:1
- 160 mm drive piston with exhaust cooling at both pump heads
- Twin inlet and outlet piping selected for the operating conditions

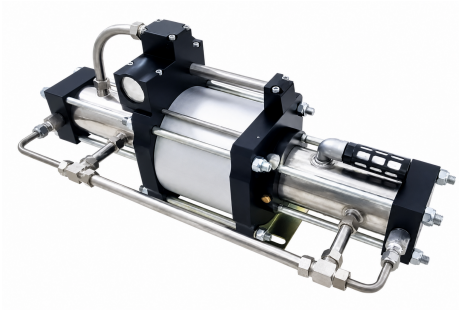
Models and Specifications

Model	Boost ratio	Inlet pressure PA (MPa)	Maximum outlet pressure PB (MPa)	Outlet pressure relation	Inlet connection	Outlet connection	Net weight (kg)
LTD10	10:1	0.5-8	8	10 × PL + PA	NPT 3/8	NPT 3/8	19.5
LTD25	25:1	1-20	20	25 × PL + PA	NPT 1/4	NPT 1/4	19.5
LTD40	40:1	1.5-32	32	40 × PL + PA	NPT 1/4	NPT 1/4	19.5
LTD60	60:1	2.5-48	48	60 × PL + PA	NPT 1/4	NPT 1/4	19.5
LTD100	100:1	3.5-80	80	100 × PL + PA	NPT 1/4	M14×1.5	19.5
LTD100-2	200:1	3.5-140	140	200 × PL + PA	NPT 1/4	M14×1.5	35.0

Selection and Operating Notes

- A drive-air pressure of no more than 0.8 MPa is recommended.
- PL is drive-air pressure, PA is gas inlet pressure and PB is outlet pressure. Use the same pressure unit for all three. Actual working pressure must satisfy the inlet conditions, pressure relation and listed maximum outlet pressure.
- Provide the gas type, inlet pressure PA, drive-air pressure PL, target outlet pressure PB, flow at that pressure, and continuous or intermittent duty requirements.

LITE LTD 系列气体增压泵



系列外观参考，具体供货配置按订单确认。

LTD 系列采用单级双泵头结构，适用于具有入口预压的气体增压。出口压力关系包含入口压力，选型时需将入口供气与驱动气源一并核对。

- 增压比 10:1 ~ 200:1，共 6 种型号
- 160 mm 驱动活塞，双泵头排气冷却
- 双入口、双出口连接管路可按工况配置

型号与参数

型号	增压比	入口压力 PA（MPa）	最高出口压力 PB（MPa）	出口压力关系	入口接口	出口接口	净重（kg）
LTD10	10:1	0.5-8	8	10 × PL + PA	NPT 3/8	NPT 3/8	19.5
LTD25	25:1	1-20	20	25 × PL + PA	NPT 1/4	NPT 1/4	19.5
LTD40	40:1	1.5-32	32	40 × PL + PA	NPT 1/4	NPT 1/4	19.5
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选型与工况注记

- 驱动气压建议不超过 0.8 MPa。
- PL 为驱动气压，PA 为气体入口压力，PB 为出口压力，三者使用相同压力单位。实际工作压力须同时满足入口范围、压力关系和表列最高出口压力，不得按公式突破上限。
- 选型请提供气体种类、入口压力 PA、驱动气压 PL、目标出口压力 PB、目标压力下的流量和连续或间歇运行要求。