LITE LTT Series Two-Stage Gas Booster Pumps



Series appearance; supplied configuration follows the order.

LTT uses two-stage compression to raise inlet gas to the required pressure. Model selection can accommodate low inlet-pressure supplies; check the individual inlet pressure range for each model.

- Two-stage boosting with 5 models
- 160 mm drive piston
- Exhaust cooling at both pump heads

Models and Specifications

Model	Boost ratio	Inlet pressure PA (MPa)	Maximum outlet pressure PB (MPa)	Inlet connection	Outlet connection	Net weight (kg)
LTT25	25:1	0.01-1	20	NPT 3/8	NPT 1/4	20.2
LTT40	40:1	0.01-1	32	NPT 3/8	NPT 1/4	20.2
LTT10/60	10:1/60:1	0.01-1	48	NPT 3/8	NPT 1/4	20.2
LTT25/60	25:1/60:1	1-2.5	48	NPT 3/8	NPT 1/4	20.2
LTT100	100:1	0.01-1	80	NPT 3/8	M14×1.5	20.2

Selection and Operating Notes

- Drive-air pressure must not exceed 0.8 MPa.
- Check the inlet pressure range for each model; LTT25/60 has a different inlet range from the other models.
- 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 LTT 系列两级气体增压泵



LTT 系列采用两级增压结构，将入口气体分级压缩至所需压力。可结合较低入口压力的供气条件选型，具体入口范围按各型号分别核对。

- 两级增压结构，共 5 种型号
- 160 mm 驱动活塞
- 双泵头排气冷却

系列外观参考，具体供货配置按订单确认。

型号与参数

型号	增压比	入口压力 PA（MPa）	最高出口压力 PB（MPa）	入口接口	出口接口	净重（kg）
LTT25	25:1	0.01-1	20	NPT 3/8	NPT 1/4	20.2
LTT40	40:1	0.01-1	32	NPT 3/8	NPT 1/4	20.2
LTT10/60	10:1/60:1	0.01-1	48	NPT 3/8	NPT 1/4	20.2
LTT25/60	25:1/60:1	1-2.5	48	NPT 3/8	NPT 1/4	20.2
LTT100	100:1	0.01-1	80	NPT 3/8	M14×1.5	20.2

选型与工况注记

- 驱动气压不超过 0.8 MPa。
- 入口压力范围按各型号分别核对，LTT25/60 与其他型号的入口范围不同。
- 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。