



The **Macpump** is an arrangement of two pressure vessels working in an automatic and phased sequence to provide a continuous transfer of material with a high material pipeline loading for long conveying distances.

The well proven **Inflatek Valve** is used throughout the system for material inlet, discharge and vessel venting. In addition the discharge valve opening size is continuously modulating in response to pipeline back-pressure to achieve the highest possible conveying efficiency.

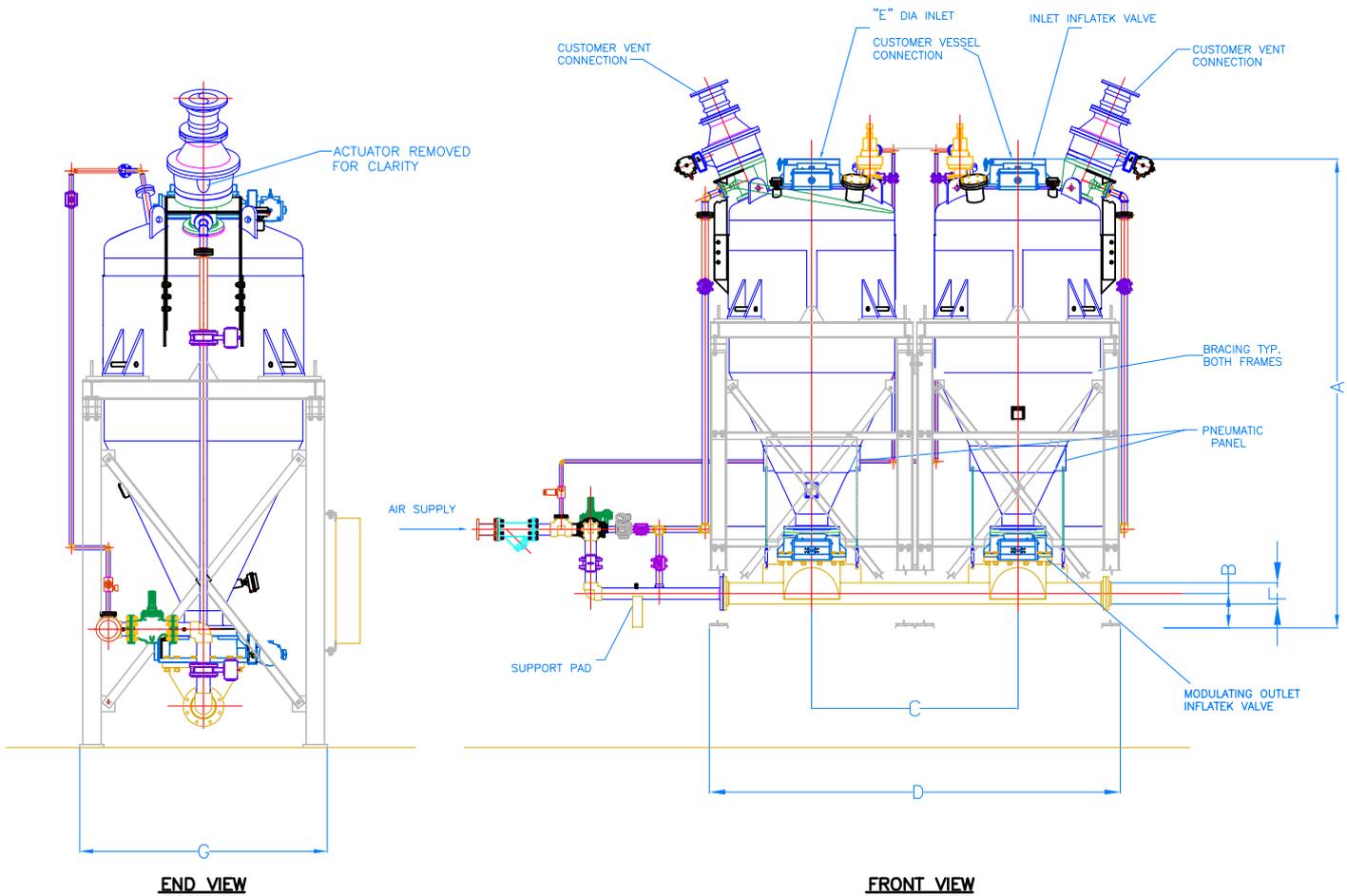
The **Macpump** is applied to mineral transfer applications where distance and tonnage rate requirements are high. Typically used as an alternative to the Screw Pump for cement transfer to achieve half the energy cost of the Screw Pump. The **Macpump** avoids the traditional high maintenance requirements of the screw and bearings of the screw pump.

The **Macpump** does not have any continuously moving parts such as the high speed screw of the Screw Pump. The only moving parts of the **Macpump** are the **Inflatek Valves** which are quarter turn and are designed for abrasive materials and a pressure duty. The **Macpump** has many proven advantages over the Screw Pump and is widely used as a modern alternative to the Screw Pump.

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A Macawber Group Company

ADVANCED PNEUMATIC CONVEYING & INJECTION SYSTEMS
VALVES FOR ABRASIVE MATERIALS AND PRESSURE DUTY
BATCH MIXING AND INGREDIENT CONTROL
COMPLETE BULK MATERIAL SYSTEM DESIGN AND TURNKEY SUPPLY



MODEL NO	A	B	C	D	E	F	G	NET WT (KG)
T/100/12	4100	400	1850	3950	300	150	1970	5100
T/150/12	4600	400	1850	4250	300	200	2090	5500
T/200/12	5300	450	2150	4550	300	200	2150	5900
T/200/16	5300	450	2150	4550	400	250	2280	6380
T/300/16	6300	450	2150	4550	400	250	2475	6575
T/400/20	6850	500	2500	4900	500	300	2600	7094

INFORMATION NOT CERTIFIED FOR INSTALLATION PURPOSES

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