

## 8. Economic Range ASC-TDR All in One Screw Compressor

### ASC-010TDR (7.5kw) – ASC020-TDR (15kw) complete with dryer on 300lt ASME Certified tank

Going far beyond combining the compressor, dryer and filters in one package, smart integration as well and setting the standard in system design. The total air system incorporates only the highest quality components to ensure both system efficiency and productivity is maximized, a high efficiency compressor room without the hassle, complexity and costs of the traditional compressor room. This eliminates vulnerable interconnecting piping.

It minimizes pressure losses and drops. Integrates the compressor, dryer and inline filters into an energy-reducing optimized system. Incorporates the entire supply-side system into one whisper-quiet package, enabling installation virtually anywhere. Provides generous space to promote cooling and to allow unobstructed service. Total air system packages come fully equipped with: a high-efficiency rotary screw compressor, an energy saving cycling refrigerated dryer, a high efficiency coalescing filter, a high efficiency particulate filter, an integrated air receiver, integrated compressor and dryer controls. Low pressure drop piping.

### Features at a Glance

- High efficiency profile rotors
- Designed for high ambient temperatures
- Belt driven
- Mineral Coolant
- Intelligent PLC Control
- Schneider switchgear
- Leak proof rigid steel piping
- IP54 electric motor
- ASME Certified Separator vessel and pressure vessel
- One (1) year on machine
- Two (2) years on the Air End



ASC-TDR RANGE TECHNICAL DATA													
Type	Power	Work Pressure	Rated air displacement		Tank Size	Noise dB (A) ± 2	Air outlet pipe diameter	Drive mode	Oil volume/ Mineral Oil	Main motor		Machine size: L×W×H mm	Machine weight:kg
	KW/HP	BAR\	M <sup>3</sup> /min	CFM	Liter					Rated Motor :AMPS	Protection Level		
ASC010-TDR	7.5 / 10	7	1.2	42	300	≤62±2	¾"	Belt drive	5L	± 20 A	IP54	860 730 960	223
		8	1.1	38									
		10	0.9	31									
		12	0.7	24									
ASC015-TDR	11 / 15	7	1.6	56	300	≤64±2	¾"	Belt drive	10L	± 25 A	IP54	940 800 1075	315
		8	1.5	52									
		10	1.3	45									
		12	1.2	38									
ASC020-TDR	15 / 20	7	2.5	88	300	≤64±2	¾"	Belt drive	10L	± 35 A	IP54	940 800 1076	325
		8	2.3	81									
		10	2.1	74									
		12	1.9	67									

Please note: Slow curve breaker sizes must be determined by a qualified electrician. Rule of thumb is 2 - 2.2 times the kW rating for the unit.