



## OASC U SERIES

Direct-Coupled Fixed Speed Screw Compressor Series



## OASC U - Direct-Coupled Fixed Speed Screw Compressor Series

OASC U (37-160 kW)

*With their unrivalled features, the compressors in this series provide reliable and high-quality air flow for industries that require constant production, such as textile, automotive, laser and metal forming, oil and gas, home appliance, packaging and mining industries. The U Series Compressors work with superior performance under tough conditions, they are durable and long-lasting.*

AUTOMOTIVE

TEXTILE

OIL AND  
GAS

LASER AND  
METAL  
FORMING

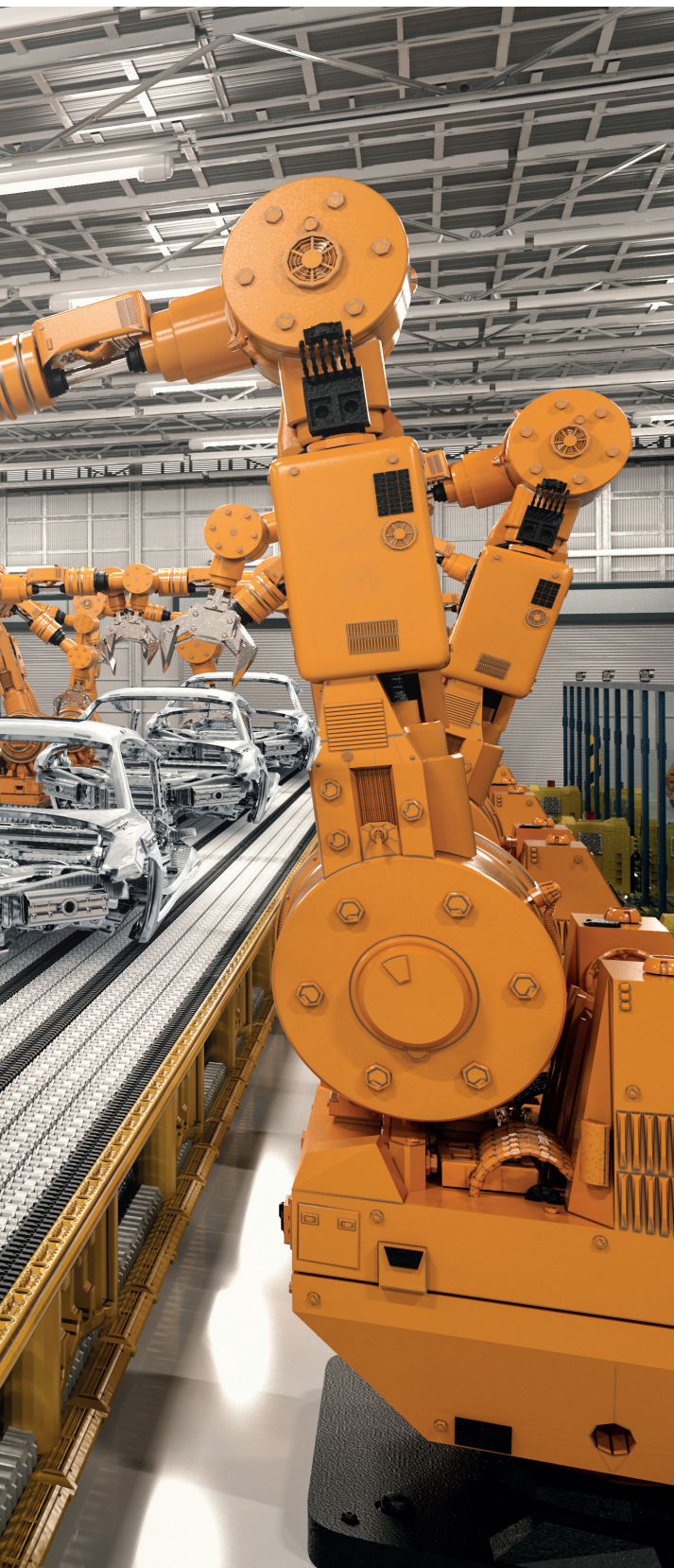
WHITE  
GOODS

PACKAGING

MINING







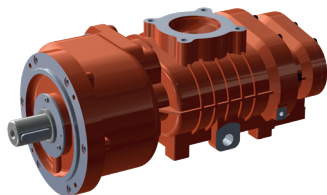
## Quality Equipment

- Compressor durability is improved with reinforced body and main components design.
- Ozen Kompresor uses components that are compatible with world standards.
- Highly performance and durability provide peace of mind.
- Finding the right compressor that meets the desired specifications is simple.
- Easy accessibility ensures easy maintenance and convenient access to all main components.



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### Air-end

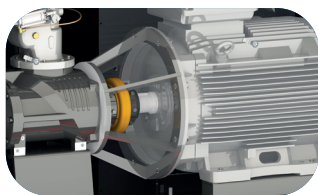
- High-efficient and high-quality elements.

1

### Premium Efficient Motor

- TEFC, IP 55 electrical motors are standard on all models.
- Premium high efficiency motors are used on all models.

2



3

### Gear box Drive - Omega Coupling

- Flexing polyurethane material coupling for maximum durability, strength, and fatigue resistance.



### Vertical Oil Separator Design

- ASME/CE approved tank
- Minimum pressure drop
  - Oil level control
- Immersion separator



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### Ease of Maintenance

- The strategic positioning of product components provides ease of maintenance.
- With easily available spare parts, maintenance is no longer an issue.

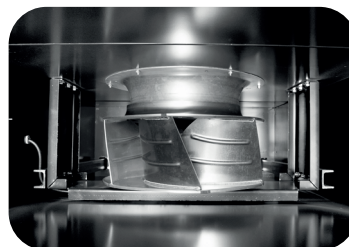
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6



#### "RCD" – Radial Cooling Design

- Guaranteed cooling performance with oversized cooler block.
- Strong, compact design provides durability that is tested and proven under tough work conditions.
- Enables your compressor to keep working with high efficiency under various conditions.
- Radial fan ensures quiet operation and high cooling performance.
- Axial Cooling System is used in models in which are lower than 55 kW.

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#### Controller - Maestro

- User-friendly control panel indicators facilitate the assessment of the equipment as well as the planning of maintenance.
- Up to four compressors can be managed from a single control point, providing ease of use and energy savings.
- Support for 10 languages including Arabic
- Equal aging option is available
- Touch screen controller the size color screen



#### Warranty

Ozen provides industry-leading warranty coverage for peace of mind. While you focus on production, Ozen ensures your compressed air system operates efficiently and reliably, keeping your facility running without interruption.



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OASC U SERIES PRODUCT FAMILY													
MODEL	Operating Pressure		Capacity		Motor Power		Sound Level	Weight		Air Connection	Dimensions		
	Psi	Bar	Cfm	m³/min	kW	HP	dB(A)	lbs	kg		W	L	H
											inch	inch	inch
OASC 37 U	100	6.9	249	7.04	37	50	71	1852	840	1 1/2 NPT	65	45	69
	125	8.6	225	6.36									
	150	10.3	202	5.73									
	175	12	179	5.06									
OASC 45 U	100	6.9	289	8.17	45	60	72	2028	920	1 1/2 NPT	65	45	69
	125	8.6	280	7.93									
	150	10.3	245	6.93									
	175	12	221	6.26									
OASC 55 U	100	6.9	382	10.81	55	75	74	3197	1450	1 1/2 NPT	65	45	69
	125	8.6	337	9.53									
	150	10.3	307	8.68									
	175	12	279	7.89									
	190	13	249	7.05									
OASC 75 U	100	6.9	500	14.16	75	100	80	4894	2220	2" Class 150	59	85	82
	125	8.6	445	12.60									
	150	10.3	428	12.12									
	175	12	390	11.05									
	190	13	356	10.09									
OASC 90 U	125	8.6	519	14.71	90	120	75	5180	2350	3" Class 150	59	85	82
	150	10.3	515	14.59									
	175	12	447	12.67									
	190	13	425	12.03									
OASC 110 U	100	6.9	759	21.48	110	150	76	6041	2740	3" Class 150	135	65	79
	125	8.6	683	19.34									
	150	10.3	615	17.41									
	175	12	580	16.43									
OASC 132 U	100	6.9	828	23.46	132	180	77	7165	3250	3" Class 150	135	65	79
	125	8.6	747	21.15									
	150	10.3	705	19.96									
	175	12	667	18.88									
OASC 160 U	100	6.9	1068	30.23	160	220	77	8774	3980	3" Class 150	135	65	79
	125	8.6	925	26.19									
	150	10.3	862	24.41									
	175	12	775	21.95									

- Compressor performance is measured according to ISO 1217: 2009 Annex C with reference to 14.5 psi inlet pressure and 68 °F ambient temperature.  
 - U: Direct-Coupled



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