

## IDX/CDX DRY PUMP MANAGED MAINTENANCE

[edwardsvacuum.com/service](http://edwardsvacuum.com/service)

### Flexible on-site maintenance, tailored to suit your needs

At Edwards, we understand vacuum like no other. As pioneers of vacuum technology, we have an established and diverse installed base, where we continue support and service vacuum equipment every day. This experience has enabled us to develop a set of managed maintenance solutions capable of delivering distinctive benefits.

Regular maintenance prevents your vacuum equipment from breaking down during operation and prevents secondary damages through check-ups by our experts.

### Driving down the Total Cost of Ownership

However, you measure cost, the ability to plan ahead is key. Our managed maintenance approach provides the tools for you to do so in confidence. By optimising maintenance events around the needs of your business will reduce your total cost of ownership and increase performance. Other benefits include:

- Focus on your business not your maintenance
- Maximum protection against unplanned downtime
- Reduce unplanned expense
- Complete flexibility to suit your operational requirements
- Enhanced productivity

### Preventative on-site care of your vacuum pumps lets you focus on your business, not your maintenance



Preventative Care



Comprehensive Care



IDX/CDX Dry Pump

**FIELD SERVICE ACTIVITIES**

Activity	Operations		Included
Health Check	<ul style="list-style-type: none"> <li>• Visual inspection of pump for damage</li> <li>• Vibration and temperature levels checked</li> <li>• Check oil level top up as required</li> <li>• Clean water strainer</li> <li>• Clean/Replace mist filter elements</li> </ul>	<ul style="list-style-type: none"> <li>• Check for ultimate vacuum pressure</li> <li>• Motor power measured and recorded</li> <li>• Clean coolers</li> <li>• Re-grease motor bearings (as applicable)</li> <li>• Visual inspection of N2 purge</li> </ul>	Labor and small items Field service expertise report
Routine Service A	<ul style="list-style-type: none"> <li>• Visual inspection of pump for damage</li> <li>• Vibration and temperature levels checked</li> <li>• Drain oil, replace with new</li> <li>• Replace the oil filters</li> <li>• Clean oil sight glass(es)</li> <li>• Replace end cover vent mist filters</li> <li>• Clean water strainer and cooler</li> <li>• Clean heat exchanger</li> </ul>	<ul style="list-style-type: none"> <li>• Inspect/repair piping connections</li> <li>• Clean all condensate drain valves</li> <li>• Clean exhaust silencer and piping</li> <li>• Check for ultimate vacuum pressure</li> <li>• Motor power measured and recorded</li> <li>• Re-grease motor bearings (as applicable)</li> <li>• Refill new coolant</li> <li>• Visual inspection of N2 purge</li> </ul>	Labour and small items Oil Oil filters Mist filters Coolant Field service expertise report
Routine Service B	<ul style="list-style-type: none"> <li>• Visual inspection of pump for damage</li> <li>• Vibration and temperature levels checked</li> <li>• Replace the drive coupling</li> <li>• Replace Bearings and seal arrangement</li> <li>• Drain oil, replace with new</li> <li>• Replace the oil filters</li> <li>• Clean oil sight glass(es)</li> <li>• Replace the oil pressure relief valve</li> <li>• Replace end cover vent mist filters</li> <li>• Visual inspection of N2 purge</li> </ul>	<ul style="list-style-type: none"> <li>• Clean water strainer</li> <li>• Clean heat exchanger and coolers</li> <li>• Refill new coolant</li> <li>• Overhaul water pump</li> <li>• Inspect/repair piping connections</li> <li>• Clean all condensate drain valves</li> <li>• Clean exhaust silencer and piping</li> <li>• Check for ultimate vacuum pressure</li> <li>• Service of the motor as required by manufacture</li> </ul>	Labour and small items Oil Oil filters Mist filters Bearings Drive coupling Oil filter pressure relief valve Field service expertise report

**MAINTENANCE PLANS**

	Year 1		Year 2		Year 3		Year 4		Year 5		Year 6
	6 m	12m	6 m	12m	6 m	12m	6 m	12m	6 m	12m	12m
Normal		H		A		H		A		H	B
Medium		A		A		B		A		A	A
Harsh	H	A	H	A	H	B	H	A	H	A	A

**H:** Health check    **A:** Routine service A    **B:** Routine service B

Pump size	Description	Part Number
CDX/IDX 1000/1300	FIELD HEALTHCHECK	ZRV300085
CDX/IDX 1000/1300	ROUTINE SERVICE A	ZRV300086
CDX/IDX 1000/1300	ROUTINE SERVICE B	ZRV300087

For more details on how to get the best performance from your rotary piston pumps, contact your local Edwards service representative.

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