

## KAHM-LP LOW AIR PRESSURE MINING HOIST P4 SERIES

FEATURE	BENEFIT
1. <b>Designed, manufactured &amp; tested in compliance with SANS 1638.</b>	<ul style="list-style-type: none"> <li>• Safety = reduced risk of accident</li> <li>• Fit for purpose = higher productivity</li> <li>• Suitable for local conditions = reduced down time &amp; maintenance cost.</li> <li>• Durable = less down time &amp; reduced maintenance cost.</li> </ul>
2. <b>Manufactured by our ISO 9000 &amp; ISO 9001 C.E. certified manufacturer.</b>	<ul style="list-style-type: none"> <li>• Stable quality = performance to specification assured everytime.</li> <li>• Consistent quality &amp; performance = higher productivity, reduced down time &amp; lower maintenance cost.</li> <li>• Consistent safety = reduced risk of accident</li> </ul>
3. <b>Designed for vertical lifting &amp; horizontal pulling operation.</b>	<ul style="list-style-type: none"> <li>• Fit for purpose under local conditions &amp; applications therefore safe &amp; durable = reduced accident risk, less down time &amp; reduced maintenance cost.</li> </ul>
4. <b>Zinc plated, corrosion &amp; abrasion resistant, case hardened, 12.5mm diameter Grade 80 DAT load chain compliant with SANS 3077, exceeds 6:1 safety factor.</b>	<ul style="list-style-type: none"> <li>• Safety</li> <li>• Durability &amp; reduced maintenance cost</li> </ul>
5. <b>Forged, yielding, fully marked (for traceability) type hooks complete with tip engaging style heavy duty, cast, Safety Latches.</b>	<ul style="list-style-type: none"> <li>• Safety</li> <li>• Durability &amp; reduced maintenance cost</li> </ul>
6. <b>Bolted hook covers to allow Shank wear inspection and lubrication.</b>	<ul style="list-style-type: none"> <li>• Safety</li> <li>• Durability &amp; reduced maintenance cost</li> </ul>
7. <b>Dual brake system - Friction &amp; Cone brake.</b>	<ul style="list-style-type: none"> <li>• Safety</li> </ul>
8. <b>Exhaust air is also channelled through the gearbox housing for continuous gear cooling.</b>	<ul style="list-style-type: none"> <li>• Durability &amp; reduced maintenance cost</li> </ul>
9. <b>Pendant Control operation to isolate operator from the suspension zone and load path.</b>	<ul style="list-style-type: none"> <li>• Safety</li> </ul>
10. <b>Remote air connection for safety if Air Hose becomes disconnected or damaged.</b>	<ul style="list-style-type: none"> <li>• Safety</li> </ul>
11. <b>Lube free, low friction material vanes &amp; internal motor long-life automatic lubrication system.</b>	<ul style="list-style-type: none"> <li>• Durability &amp; reduced maintenance cost</li> </ul>
12. <b>Automatic, internal, Air Motor Lubricator provides Air Motor lubrication for 250 operating hours.</b>	<ul style="list-style-type: none"> <li>• Durability &amp; reduced maintenance cost</li> </ul>
13. <b>Balanced motor design results in equal performance in either direction on either Underhook.</b>	<ul style="list-style-type: none"> <li>• Balanced performance</li> <li>• Enhances productivity</li> </ul>
14. <b>Internal pressure regulating device restricts overloading.</b>	<ul style="list-style-type: none"> <li>• Safety</li> <li>• Durability &amp; reduced maintenance cost</li> </ul>
15. <b>6:1 Safety factor at maximum WLL rating.</b>	<ul style="list-style-type: none"> <li>• Safety</li> <li>• Durability</li> </ul>
16. <b>Designed to perform at WLL between 3-6 bar working air pressure at the motor inlet.</b>	<ul style="list-style-type: none"> <li>• Designed &amp; fit for purpose</li> <li>• Enhances productivity</li> </ul>
17. <b>High operating speed of 3.5 m/min at 6 bar working air pressure under 3000kg load.</b>	<ul style="list-style-type: none"> <li>• Enhances productivity</li> </ul>
18. <b>Heavy duty retractable carry handles on either sides of the hoist.</b>	<ul style="list-style-type: none"> <li>• Well balanced for easy carrying</li> <li>• Protect Gearbox &amp; Motor End Housings from damage</li> <li>• Prevents the hoist from being dragged by the Pendant Control Handle and hoses - reduced damaged and maintenance costs.</li> </ul>
19. <b>High starting torque Air Motor.</b>	<ul style="list-style-type: none"> <li>• Faster initial lifting speeds under load from start of lifting operation especially at low operating air pressure</li> <li>• Higher productivity</li> </ul>