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**TOBACCO  
INDUSTRY**  
with a passion to serve

**HLP**

# Hopper upgrade

Upgrade your existing cigarette pusher to a version that ITM can support with this new cigarette pusher driven smoothly by a hardened barrel cam

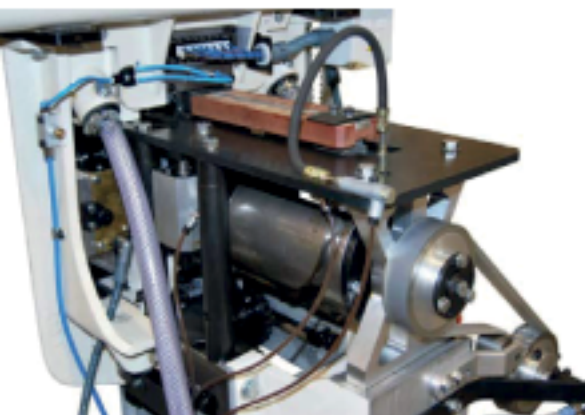


**itmgroup** [www.itmgroup.eu](http://www.itmgroup.eu)

## HLP Hopper upgrade



### Achieve greater cigarette control whilst reducing machine down time with a hopper upgrade



Issue	<ul style="list-style-type: none"><li>• Poor cigarette control</li><li>• Poor cigarette feeding</li></ul>
Consequences	<ul style="list-style-type: none"><li>• Reduced production</li></ul>
Solution	<ul style="list-style-type: none"><li>• Hopper upgrade</li></ul>
Advantages	<ul style="list-style-type: none"><li>• Greater control of the cigarettes is possible by use of an adjustable air assist, with a single track barrel cam providing fully controlled acceleration and deceleration of the cigarette plunger reducing both wear and vibration</li><li>• Improved mechanism, experience less down time. It can run at higher speeds without cam bounce</li><li>• With a hardened barrel cam and hardened linear rods running in conjunction with fully complimented cam bearings and linear bearings, maintenance requirements are significantly reduced</li></ul>
Scope	<ul style="list-style-type: none"><li>• Complete hopper upgrade</li></ul>
Time required	<ul style="list-style-type: none"><li>• Approx. machine down time: 24 hours (3 working days)</li><li>• Total mechanical hours: 24 hours</li><li>• Total electrical hours: 8-14 hours (depending on age of machine)</li></ul>
Guarantee	<ul style="list-style-type: none"><li>• One year guarantee</li></ul>

*Suitable for all HLPs*

