

# Easy Vent

System upgrades for increased efficiency and sustainability

Atlas Copco



## Minimize sources of error during the barrel change

Easy Vent allows you to simply operate the hand lever valve to reduce the pump pressure for the flushing process after installing a new adhesive barrel. Easy Vent makes venting easier!

### What we provide

- Integration of an additional valve block dedicated to the pump pressure
- Pump pressure reduction by simply turning over the hand valve while the application pressure setting stays untouched
- Installation, staff briefing, and dedicated guidelines

### Values

- Protection of seals and complete lower pump
- Less material waste and air consumption during the venting process
- Easy handling
- Improved ecological footprint



## The challenge

1 2 3 4

Failure to reduce the working pressure of the secondary pump during the ventilation process is a typical source of error. This leads to:

- High load on the seal packs due to hard strokes of the pump
- Higher flushing volume due to poorer escape of air bubbles

## The solution

1 2 3 4

- Integration of an easy-to-use hand valve to reduce pump pressure via an additional valve block
- Adapted minimized stroke speed of the secondary pump with one handle
- Settings for working pump pressure stay untouched

## The values

1 2 3 4

- Increased lifetime of sealings, rod bearing, and the entire secondary pump
- Decreased adhesive and air consumption
- Simplified handling: no need to adjust or memorize the pressure settings

## Sustainability

1 2 3 4

Assumption: Easy Vent allows you to have two double strokes less needed for ventilation. What are the CO<sub>2</sub> savings?

- UP 165: -330ccm → 3,3 kg CO<sub>2</sub>
- UP 301: -602ccm → 6,02 kg CO<sub>2</sub>
- UP 1200: - 2,4 L → 24kg CO<sub>2</sub>  
100ccm ~ 1kg CO<sub>2</sub>



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