



# William Hackett

## WH GT ATEX Geared Trolley

Complies with the requirements of ATEX Directive 2014 / 34 / EU and Machinery Directive 2006 / 42 / EC

The William Hackett ATEX anti-spark Geared Travel Trolleys meet and exceed the requirements of international standard and British Standard BS EN 13157:2004 + A1:2009.

This high quality trolley range is precision engineered in WLL capacities from 500kg to 2 tonnes. Other sizes are available upon request.

Enabling exact positioning or easy traversing of large loads incorporating manual hoists, the William Hackett series geared trolley can be supplied to suit various track widths within the standard beam range 1 and the extended beam range 2.

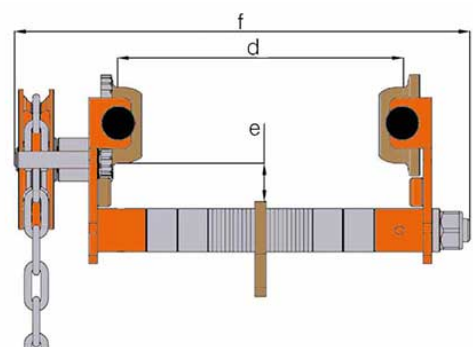
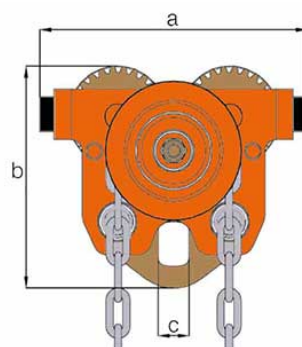
It has been designed so that the bottom of the hand chain loop is located approximately 500 mm from ground level.

The runners (trolley wheels) are precision machined and they rotate on maintenance sealed ball bearings.

All William Hackett geared trolleys are fitted with anti-jump bars and rubber end stops as standard. They are also fitted with solid bronze wheels and have a copper plated hanging plate.



## SPECIFICATIONS



| Part Code    | WLL<br>t | Min.radius<br>of Curve m | a<br>mm | b<br>mm | c<br>mm | e<br>mm |
|--------------|----------|--------------------------|---------|---------|---------|---------|
| 055.ATEX.050 | 0.50     | 0.8                      | 190     | 154     | 22      | 27      |

|              |      |     |     |     |    |    |
|--------------|------|-----|-----|-----|----|----|
| 055.ATEX.100 | 1.00 | 0.9 | 206 | 180 | 30 | 26 |
| 055.ATEX.200 | 2.00 | 1.0 | 246 | 210 | 37 | 26 |


## Standard Range 1

| WLL<br>t | I Beam Width<br>mm | d Max. width<br>mm | f Max.<br>mm | Mass<br>kg |
|----------|--------------------|--------------------|--------------|------------|
| 0.50     | 50-203             | 203                | 323          | 9.60       |
| 1.00     | 64-203             | 203                | 332          | 12.30      |
| 2.00     | 88-203             | 203                | 341          | 17.20      |

## Extended Range 2

| WLL<br>t | I Beam Width<br>mm | d Max. width<br>mm | f Max.<br>mm | Mass<br>kg |
|----------|--------------------|--------------------|--------------|------------|
| 0.50     | -                  | -                  | -            | -          |
| 1.00     | 64-305             | 305                | 434          | 13.70      |
| 2.00     | 88-305             | 305                | 443          | 19.00      |

### Ex II 2 GD c IIC T4 IIIC T135°C

| II   | 2 | GD | c | IIC | T4 | IIIC | T135°C |               |  |
|--|---|----|---|-----|----|------|--------|---------------|--|
|  |   |    |   |     |    |      |        | <b>T135°C</b> | Dust Temperature Class: Maximum external surface temperature 135°C           |
|  |   |    |   |     |    |      |        | <b>IIIC</b>   | Groups of Dust: Protected for group IIIC which includes groups IIIA & IIIB   |
|  |   |    |   |     |    |      |        | <b>T4</b>     | Gas Temperature Class: Maximum external surface temperature 135°C            |
|  |   |    |   |     |    |      |        | <b>IIC</b>    | Gas Explosion Group: Protected for group IIC which includes groups IIA & IIB |
|  |   |    |   |     |    |      |        | <b>c</b>      | Protection type: Design safety   |
|  |   |    |   |     |    |      |        | <b>GD</b>     | Ex Atmosphere: Gas and Dust  |
|  |   |    |   |     |    |      |        | <b>2</b>      | Category: High Safety  |
|  |   |    |   |     |    |      |        | <b>II</b>     | Equipment Group: surface industries  |



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