

# EC declaration of conformity

according to the Machinery Directive 2006/42/EC, Annex II 1. A

Original

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## The manufacturer bears the sole responsibility for issuing this declaration of conformity

Cobot Lift ApS

Industrivej 6

DK - 4200 Slagelse

## Person established in the Community authorised to compile the relevant technical documentation

Flemming Bischoff Truelsen

Cobot Lift ApS

Industrivej 6

DK - 4200 Slagelse

## Description and identification of the machinery

Product / Article	Cobot Lift
Project number	O210747
Model	Sack Solution
Function	The process in general is: <ol style="list-style-type: none"><li>1. Robot with tool move above pickup position.</li><li>2. Once sack is detected, move vertically down and turn on vacuum gripper.</li><li>3. Once vacuum is achieved perform a vertical lift that is high enough to prevent crushing hazards when moving away from the pickup position.</li><li>4. Transport the sack to a pre-position above the set down point. This is to ensure transport path is always the same. Maintain clearance to any fixed components to prevent crushing between fixed components and robot or sack.</li><li>5. Move above specific setdown position.</li><li>6. Move vertical downwards to place the sack.</li><li>7. Release vacuum.</li><li>8. Repeat from 1.</li></ol>

## It is expressly declared that the machinery fulfils all relevant provisions of the following EU Directives or Regulations:

2006/42/EC	Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast) (1) Published in L 157/24 of 09-06-2006
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## Reference to the harmonised standards used, as referred to in Article 7 (2):

EN 60204-1:2018	Safety of machinery - Electrical equipment of machines - Part 1: General requirements (IEC 60204-1:2016, modified)
EN ISO 10218-2:2011	Robots and robotic devices - Safety requirements for industrial robots - Part 2: Robot systems and integration (ISO 10218-2:2011)
EN ISO 12100:2010-11	Safety of machinery - General principles for design - Risk assessment and risk reduction (ISO 12100:2010)
EN 13135:2013+A1:2018	Cranes — Safety — Design — Requirements for equipment
EN 1012-2:1996+A1:2009	Compressors and vacuum pumps - Safety requirements - Part 2: Vacuum pumps

## Reference of the other technical standards and specifications used:

ISO/TS 15066:2016	Roboter und Robotergeräte - Kollaborative Roboter
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Slagelse, 31-08-2021

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Place, Date

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Signature  
Flemming Bischoff Truelsen  
CTO