



Product Service

# CERTIFICATE

No. Z1 09 07 42940 028

**Holder of Certificate:** Invacare EC-Hong A/S

Ostergade 3  
4270 Hong  
DENMARK

**Production Facility(ies):** 42940

**Certification Mark:**



**Product:** Mobile hoists with sling seats

**Model(s):** Hoist for the transfer of disabled persons  
**Type:** Birdie  
(for different models refer to enclosure)

**Parameters:**

stroke:	1070 mm - 1235 mm
max load:	150 kg - 170 kg
total length:	1060 mm - 1240 mm
width min. / max.:	550 mm - 1130 mm
height min. / max.:	1290 mm - 1920 mm
stroke motor:	max. load: push 10000 N / 6000 N without / with mechanical emergency lowering
front wheel:	twin castors ø 100 mm
rear wheel:	twin castors ø 100 mm / ø 125 mm with parking brakes

**Remark:**  
- for additional parameters refer to enclosure

**Tested according to:** ISO 10535:2006

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

**Test report no.:** 71345308, 71327392, 71342829

**Date,** 2009-07-20  
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Enclosure to certificate no.: Z1 09 07 42940 028

**Model identification for the hoist for the transfer of disabled persons**

**Type: Birdie**

**Birdie (with electrical leg spread)**

stroke:	1235mm
max. load:	170kg
total length:	1230mm
width min./max.:	680mm / 1130mm
height min./max.:	1400mm / 1920mm
degree of protection:	IPX4
type of applied part:	B
operating time:	10% (2min./18min.)
control unit w. charger:	IN: 100-240Vac, 50/60Hz, 200mA OUT: 24Vdc, 250VA
control unit w/o charg.:	OUT: 24Vdc, 250VA
battery charger:	PRI: 230Vac, 50Hz, 14VA SEC: 24Vdc, 220mA, 5.3VA
stroke motor:	24Vdc, 7.7A, 10000N with mechanical emergency lowering
leg spread motor:	24Vdc, 2.2A, 750N
front wheel:	twin castors $\varnothing$ 100mm
rear wheel:	twin castors $\varnothing$ 100mm w. park brakes

**Birdie (with manual leg spread)**

stroke:	1235mm
max. load:	170kg
total length:	1230mm
width min./max.:	680mm / 1130mm
height min./max.:	1400mm / 1920mm
degree of protection:	IPX4
type of applied part:	B
operating time:	10% (2min./18min.)
control unit w. charger:	IN: 100-240Vac, 50/60Hz, 200mA OUT: 24Vdc, 250VA
control unit w/o charg.:	OUT: 24Vdc, 250VA
battery charger:	PRI: 230Vac, 50Hz, 14VA SEC: 24Vdc, 220mA, 5.3VA
stroke motor:	24Vdc, 7.7A, 10000N with mechanical emergency lowering
front wheel:	twin castors $\varnothing$ 100mm
rear wheel:	twin castors $\varnothing$ 100mm w. park brakes



Product Service

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**Model identification for the hoist for the transfer of disabled persons**

**Type: Birdie**

**Birdie compact**

stroke: 1070mm  
max. load: 150kg  
total length: 1060mm  
width min./max.: 550mm / 970mm  
height min./max.: 1290mm / 1820mm  
degree of protection: IPX4  
type of applied part: B  
operating time: 10% (2min./18min.)  
control unit w. charger: IN: 100-240Vac, 50/60Hz, 200mA  
OUT: 24Vdc, 250VA  
control unit w/o charg.: OUT: 24Vdc, 250VA  
battery charger: PRI: 230Vac, 50Hz, 14VA  
SEC: 24Vdc, 220mA, 5.3VA  
stroke motor: 24Vdc, 5.5A, 6000N  
front wheel: twin castors  $\varnothing$  100mm  
rear wheel: twin castors  $\varnothing$  100mm w. park brakes

**Birdie Plus (electrical leg spread)**

stroke: 1235mm  
max. load: 170kg  
total length: 1240mm  
width min./max.: 680mm / 1130mm  
height min./max.: 1400mm / 1920mm  
control unit: rated voltage: 100 – 240 V AC, 50-60 Hz  
rated current: max. 400 mA, 37-53 VA  
power rate: 24 V DC, max. 250 VA  
duty cycle: 10%, max 2 min. / 18 min.  
stroke motor: power rate: 24 V DC, max. 10 Amps  
duty cycle: 10%, max 2 min. / 18 min.  
max. load: 10000 N with mechanical emergency lowering  
actuator for  
electrical leg spread: power rate: 24 V DC, max. 2.2 Amps  
duty cycle: 10%, max 2 min. / 18 min.  
max. load: push 750 N, pull 750 N  
front wheel: twin castors  $\varnothing$  100mm  
rear wheel: single castors  $\varnothing$  125mm w. park brakes

Department: MHS5 / mk  
Date: 2009-07-20