

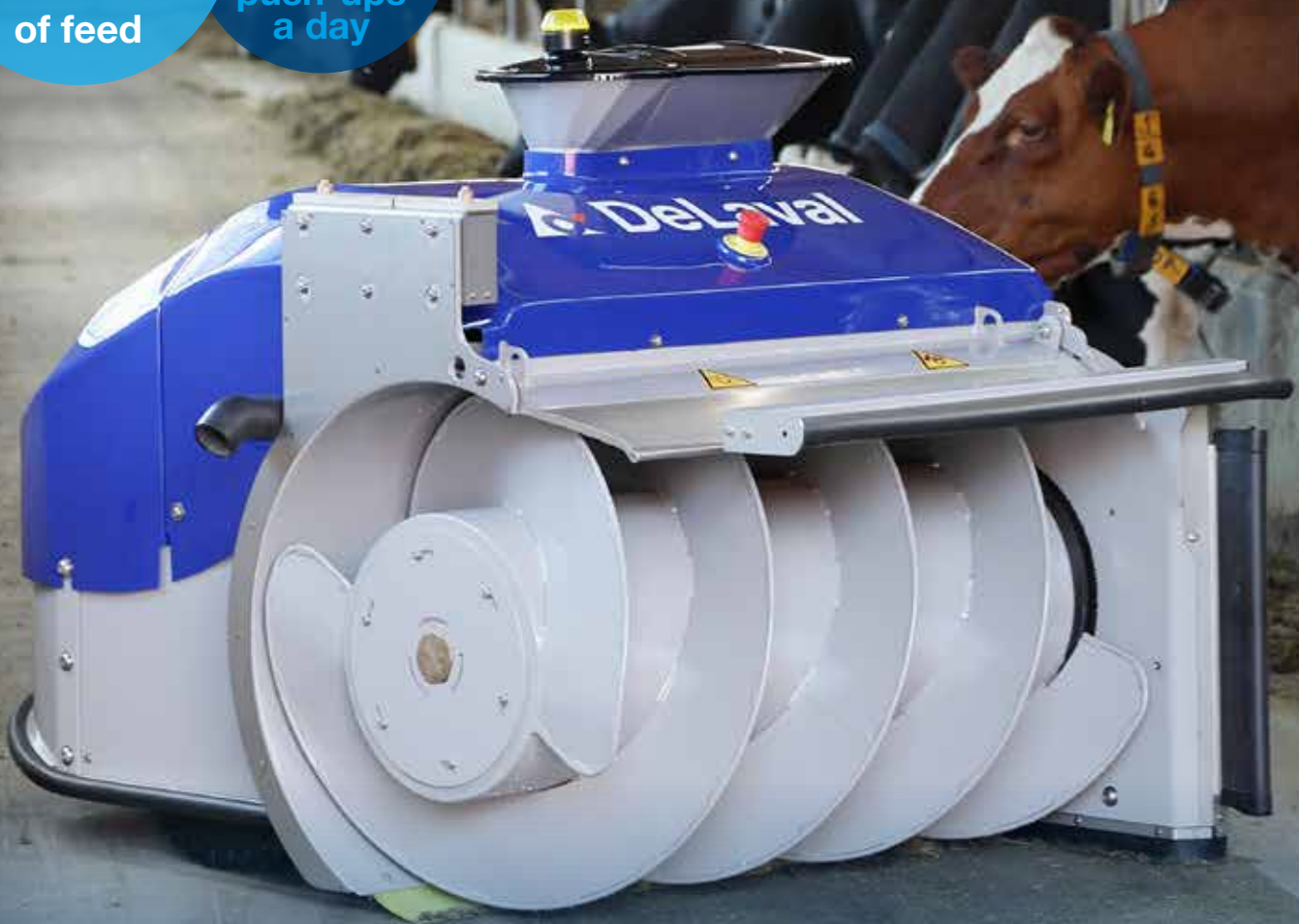
DeLaval OptiDuo™ Robotic Feed Refresher

4
paths based
on volume
of feed

Up to
10
push-ups
a day

Works
with all
forages

Reliable
smart
navigation
system



Hear Dan Aitken from Almet Farms talk about his experience with the OptiDuo Robotic Feed Refresher.

    www.delaval.com

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 **DeLaval**

Specifications

Induction Line*

- Induction line generator to be installed
- Minimum 3.4m (11') width of alley for turning
- Dimensions of the cable groove:
Width: 5mm (0.2"), Depth: 5-10 mm (0.2"-0.4")
- Recommended standards for induction line cable:
Minimum 1.5mm² (16 AWG) thick full copper Teflon coated multi strand wire (multi strand works best and it is easier and more flexible to lay in the groove)
- Length of the induction line loop: see table

Length of loop	Induction Line Gauge
≤ 600'	16 AWG
600'-980'	14 AWG
980'-1,312'	12 AWG

RFID Transponders

- Changes action of OptiDuo
- Turns auger on and off
- End of barn
- Change induction lines
- Speed function allows faster return to starting point

Length of Line

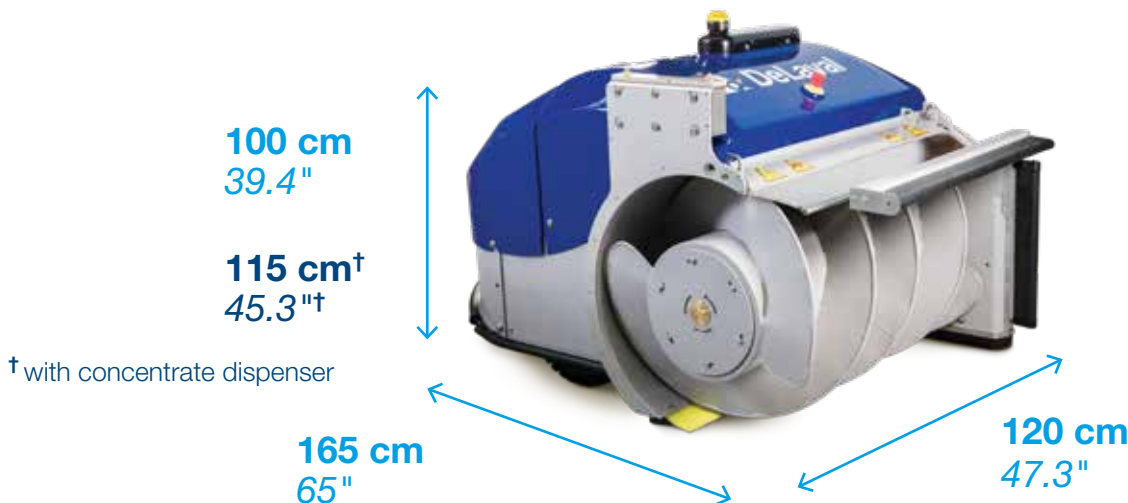
- Single loop – original path
- Double loop – occasional off original
- Smooth surface of path
- 100 m (109.3 yards)
= 10 runs/day
- 400 m (437.4 yards)
= 5 runs/day
- Max. 5% slope
- Contact Facility Planning & Barn Design for route plans for OptiDuo

Charger

- 2 x 12V batteries need one 6-hour uninterrupted charge time
- Max. 10 runs per day based on factors in Excel calculation tool
- Drive-thru location or taught parking spot
- 120V power supply
- 120VAC to 24VDC for induction line generator

Weight:

OptiDuo (without concentrate dispenser)	585 kg	1,290 lb
Concentrate dispenser	30.0 kg	66 lb
Charging station	28.0 kg	61.7 lb



Talk to your DeLaval dealer about letting OptiDuo go to work on your farm.
www.delaval.com

*For more details, please refer to Product News #180080 New installation standards for OptiDuo™ induction line