

# PROLYTE THEATRE PRODUCTS

## PERFORMER FLY MULTIPURPOSE WINCH

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## PERFORMER FLY MULTIPURPOSE WINCH

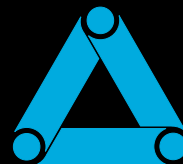
The multi functional truss winch (PPFW 5540) can be fully integrated in any H40V truss configuration and therefore offers a flexible solution for rental companies or touring sets.

With its speed of 4 m/s and acceleration of 4 m/s<sup>2</sup> it offers unique movement possibilities, the smooth start and stop control makes precise and safe travel easy. In combination with a railing system that can be integrated in a H40 truss system as well, the options for flexible fly solutions are almost endless.

This type of winch is specially developed to be used for performer flying.

Build in safety and control systems, like the location of the second brake and spindle end switches, on top of the regular SIL3 requirements, secure the safe operation for performer and technician.

The PPFW 5540 can be delivered with different types of drums, to accommodate 4, 5 or 6 mm steel wire using one or two cables. Depending on the application, the drum has a capacity of 20-75 m. length. Optional the PPFW 5540 can be mounted with a fleet angle correction unit.



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## Specification Performer Fly Winch

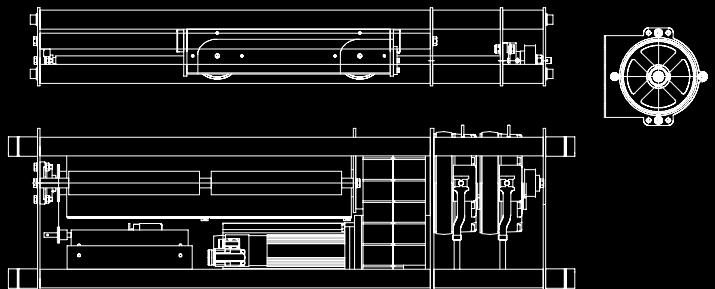
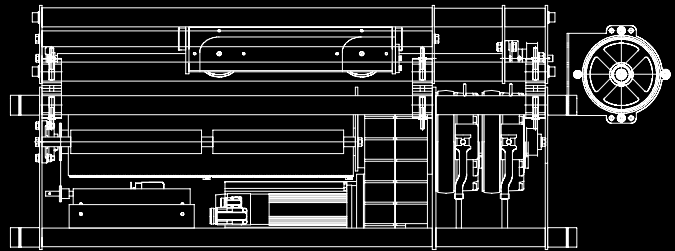
### PPFW 5540 – standard integrated in H40 truss frame

- Lifting capacity 125/250 kg
- Self weight 275 kg
- Local control/connection box
- Motor 7,5 KW servo drive
- Method: double wire power fly with zero fleet compensation
- Wire: 4, 5 or 6 mm 7x19 KSR
- Lifting speed 4m/s (SWL 125 kg)
- Lifting speed 3m/s (SWL 250 kg)
- Max. Acceleration 4 m/s<sup>2</sup>
- Travel length 20 - 75 m
- Drum diameter 180 mm
- Cross wire detection and cross wire prevention rollers
- SIL 3 double encoder
- Hard wired double safety end switches LL, L, H, HH
- Double brakes on the drum including manual release
- Static weight measurement by load cells

## Specification Performer Fly Traveler

### PTS03-01-150 – optional integrated in H40 truss frame

- Self weight approx. 300 kg
- Motor assembly
- Tooth belt drive
- Motor 3 kW single brake
- Speed: 2 m/s
- Acceleration: 2 m/s<sup>2</sup>
- Abs + incremental encoder
- 2x Heavy duty carrier SWL 260 kg
- 1x heavy duty single track rail
- Travel distance up to 25 m
- Accuracy less then 1mm



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