

**HYDRAULIC POWER CATWALKS**

# STAND-ALONE UNITS FOR AUTOMATED TUBULAR HANDLING



## Automated power catwalks

- › Automated tubular transport between ground and rig floor
- › Suitable for a wide range of drill pipes, drill collars and casings as Singles range 2/  
Super singles range 3 (Optional: Doubles range 2)
- › Remotely controlled from the driller's cabin or via a portable remote control panel
- › Stand-alone unit with onboard hydraulic power pack
- › Made in Germany

**AUTOMATED  
RIG TECHNOLOGY**

  
**HERRENKNECHT  
VERTICAL**

# Stand-alone power catwalks

## Technical specifications

**Herrenknecht Vertical's hydraulic power catwalks** automate the transportation of all kinds of tubulars from the horizontal pipe storage on the ground to the rig floor and vice versa, remotely controlled. Thus, safety during handling operations is increased by reducing manual intervention. Tubulars, drill collars and casings are run in a highly efficient way.

The portfolio of stand-alone power catwalks comprises several sizes, suitable for a broad range of rig types. Different configurations according to customer requirements are available upon request.

### POWER CATWALK SERIES

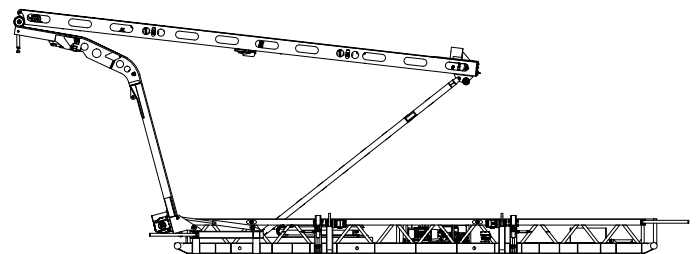
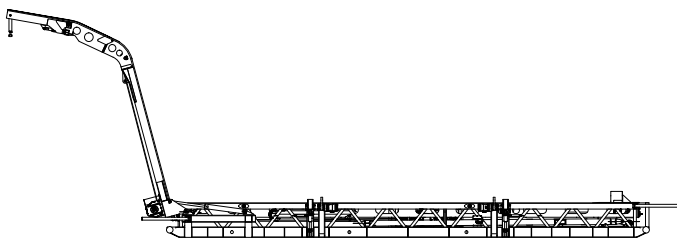
Designated use:	Workover rigs	Workover rigs	Light drilling rigs	Medium drilling rigs	Heavy drilling rigs
› Tubular range:	super singles range 3 <sup>1</sup>				optional: doubles range 2 <sup>1</sup>
› Pipe range:	2 3/4" - 8"	2 3/4" - 14"	2 3/4" - 20"	2 3/4" - 20"	2 3/4" - 24"
› Max. load:	0.45 mt (0.5 sht)	0.9 mt (1.0 sht)	2.7 mt (3.0 sht)	4.5 mt (5.0 sht)	4.5 mt (5.0 sht)
› Rig floor height:	up to 3 m (10 ft)	1.5 m - 4.5 m (5 ft - 15 ft)	3.0 m - 6.1 m (10 ft - 20 ft)	4.5 m - 7.6 m (15 ft - 25 ft)	7.6 m - 10.7 m (25 ft - 35 ft)
› HPU power:	15 kW (20 hp)		45 kW (60 hp)		75 kW (100 hp)
	HPU integrated into catwalk base frame				
› Buffer capacity:	intermediate storage on hydraulic gull wings: 8x DP 5" (expandable)				
› Control:	from driller's cabin or via portable remote control panel (back-up: manual control via handles on the valve block)				

<sup>1</sup> max. 13.7 m (45 ft)

<sup>2</sup> max. 19.5 m (64 ft)

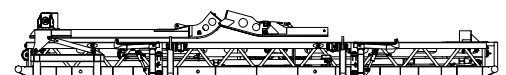


### Operation\*



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### Transportation\*



\* exemplary (catwalk for medium drilling rigs)