



DUAL POWER SYSTEM (DPS-P / DPS-C)*

Full lifting power for efficient fly jib operation

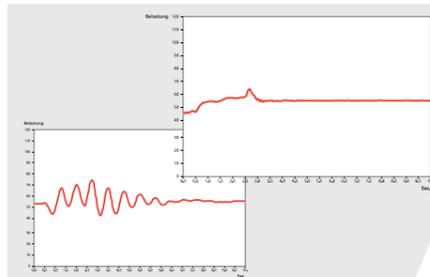
The Dual Power System enables a significant increase of lifting capacity on the fly jib. The system shows its strengths in the TEC crane with fly jib, especially with large outreach, and increases the areas of application. While DPS-Plus recognizes two positions of the last extension boom and uses two pressure ranges, DPS-C can continuously select the pressure range that suits the respective position and get even more lifting power out of the TEC crane at any time.



CONTINUOUS SLEWING SYSTEM

Unrestricted Movement

The continuous slewing system offers full flexibility and efficiency in any operation. This feature enables faster unloading, as the crane can be slewed to the desired position using the shortest possible route. This means working in almost any direction without having to reposition the vehicle.



AOS*

Oscillation-free work

Active Oscillation Suppression (AOS) is a patented assistance system from PALFINGER, which compensates vibrations and shocks in the vertical direction during crane operation. This reduces backswing to a minimum and ensures a consistently high standard of safety when transporting a load or emptying big bags.



MEXT & WEIGH*

Extended gain in safety and comfort

Thanks to the assistance systems MEXT & WEIGH, working is even safer and more comfortable. MEXT monitors the mechanical extensions and integrates them into the overload protection. On the one hand, the outreach is increased and, on the other hand, the maximum load capacity is adapted to the respective extension. WEIGH enables the load to be weighed directly at the crane tip. It is also possible to summarize the last ten loads with the date and time.



BODY BUILDING BY EXPERTS

Know-how and expertise from professionals

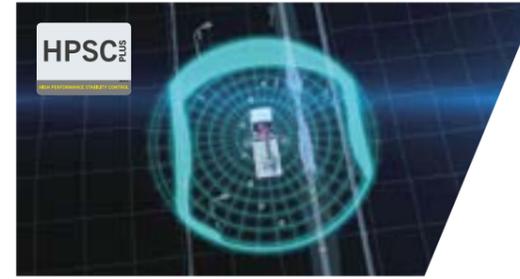
PALFINGER body builders and the Mounting Competence Center get the maximum performance out of every TEC crane with a well thought-out vehicle body. Carefully matched individual components create a complete overall solution.



PALFINGER EQUIPMENT

Perfectly coordinated crane tools for more efficient, more comfortable and safer work

We know - our customers are professionals, and professionals will only be satisfied with the best equipment to make TEC cranes a multifunctional solution. No matter what the application is, if required, we have the right equipment for the perfect overall solution.

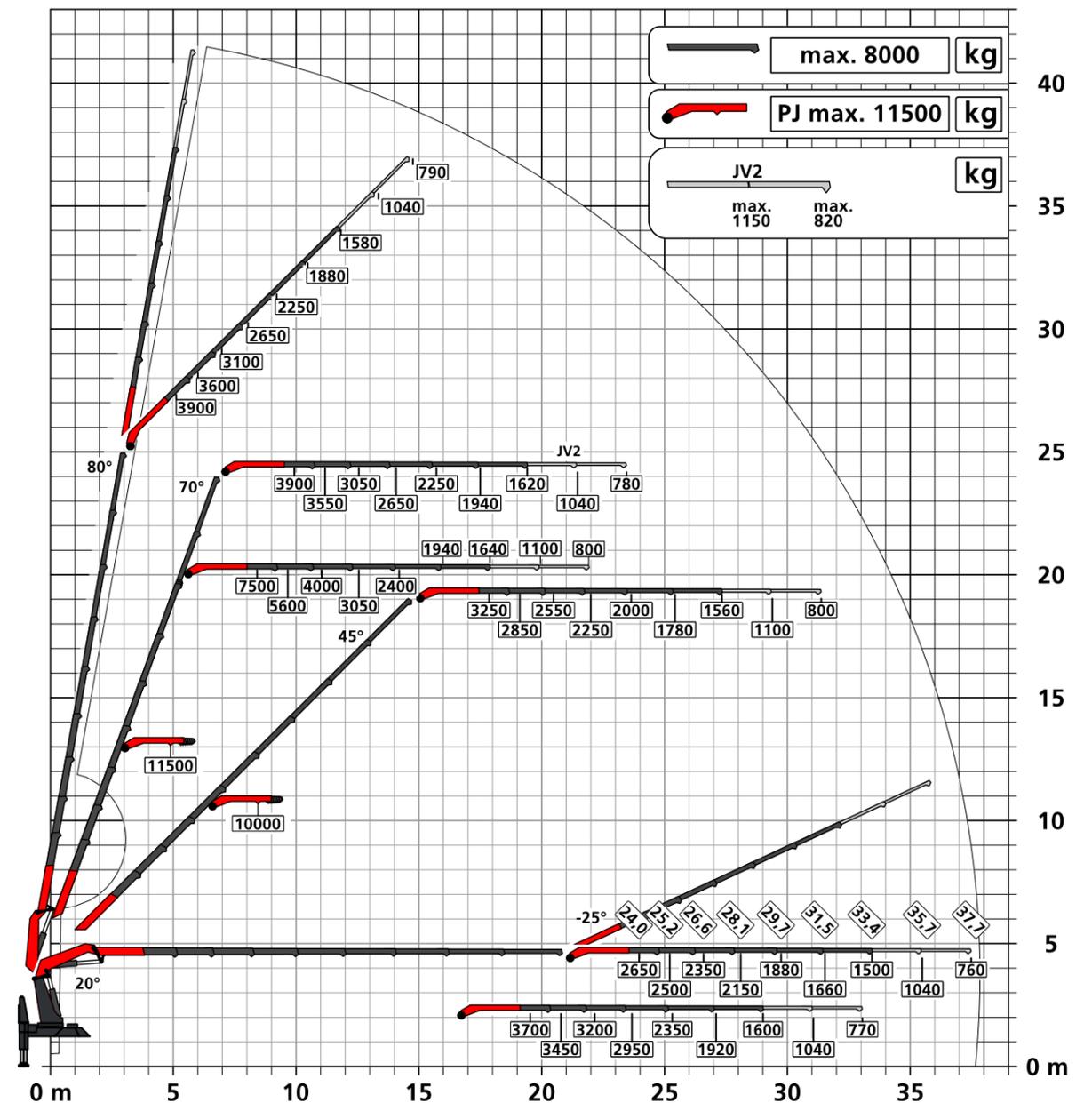


HPSC-PLUS*

Maximum utilization of the working area

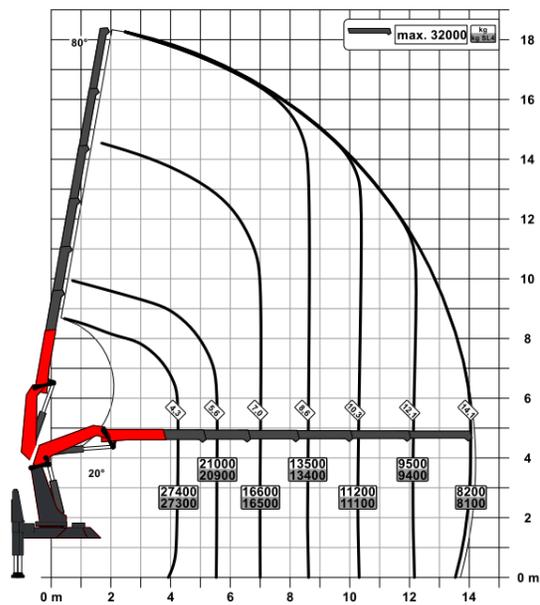
HPSC-Plus offers three modules to expand the proven stability system HPSC. Due to load detection (LOAD), length measurement system (GEOM) or stabilizer force detection (FSTAB) the lifting capacity of the TEC-range can be fully utilized at every point on the stability curve, regardless of whether space conditions are tight or not.

PK 1650 TEC H PJ 240 € JV2 DPS-C

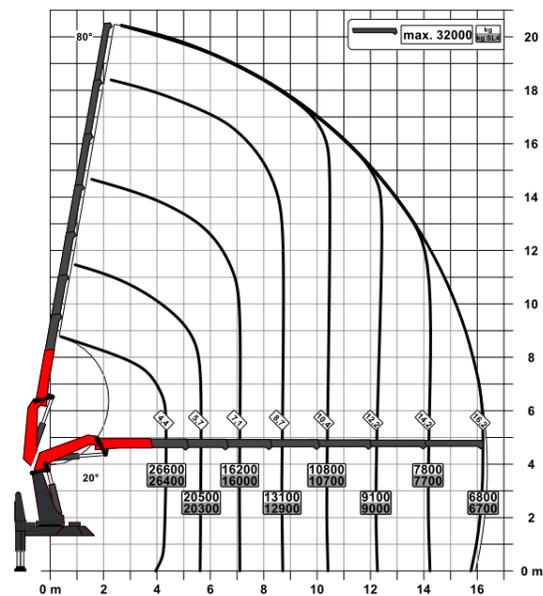


LIFTING CAPACITY DIAGRAMS

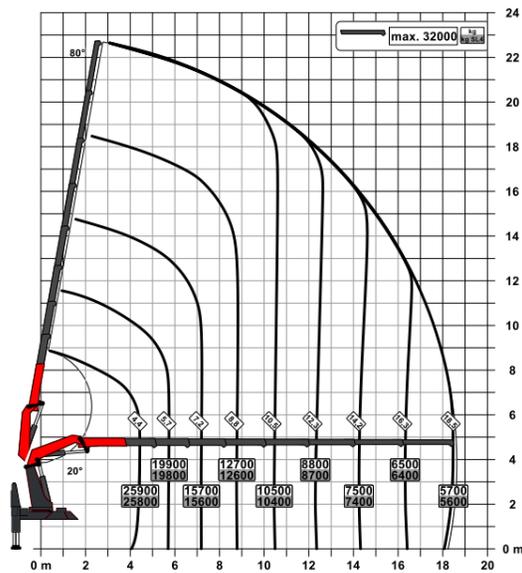
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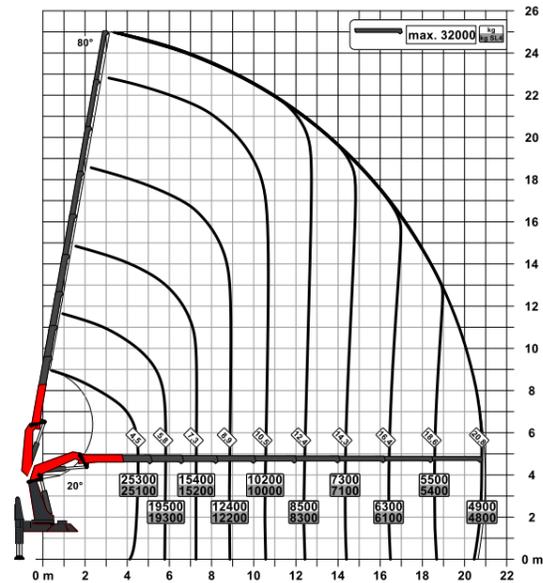
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TECHNICAL SPECIFICATIONS

EN 12999 HC1 HD5/S1

Max. lifting moment	124.8 mt / 1,224.3 kNm
Max. lifting capacity	32,000 kg / 313.9 kN
Max. hydraulic outreach	21.0 m
Max. outreach with fly jib and mech. extension (JV2)	38.7 m
Slewing angle	continuous
Slewing torque	12.0 mt / 117.8 kNm
Stabilizer spread (Std.)	10.0 m
Fitting space required (Std.)	2.7 m
Crane width folded	2.55 m
Max. operating pressure	385 bar
Recommended pump capacity	from 100 l/min to 120 l/min
Dead weight (Std.)	from 11,610 kg

FLY JIB

Version	PJ 240	PJ 300
PK 1650 TEC F		F
PK 1650 TEC G	E	
PK 1650 TEC H	E	

EQUIPMENT VERSION

STANDARD

- PALCOM P7
- FLOW
- PALTRONIC 180
- Control valve LX-6
- Double Circuit System
- Soft Stop
- High Power Lifting System S-HPLS (+15 %)
- Powerlink Plus
- DPS-Plus at fly jib
- Inclination Angle Monitoring IAM
- Slewing Angle Monitoring SAM
- Boom Angle Monitoring BAM
- Stabilizer Extension Monitoring SEM

OPTIONAL

- SMART CONTROL
- MEMORY POSITION
- LEVELING ASSISTANT
- P-FOLD
- Workman Basket
- Fall Protection Mode FPM
- Active Oscillation Supression AOS
- High Performance Stability Control HPSC-PLUS LOAD | GEOM | FSTAB
- Synchronised Rope Control SRC
- Rope Tension Control RTC
- Dual Power System Continuous DPS-C at fly jib with BEM
- Mechanical Extension Monitoring MEXT
- Load weighing function WEIGH
- Boom Extension Monitoring BEM
- Multifunction adapter fly jib MFA-J
- Rope winch 2,5 t / 3,5 t