BİRPOM BMACH

STRENGTHEN YOUR POWER
WITH US



SINCE 1990

PRODUCT CATALOGUE

TRUCK MOUNTED KNUCKLE BOOM CRANES

WWW.BMACH.COM.TR

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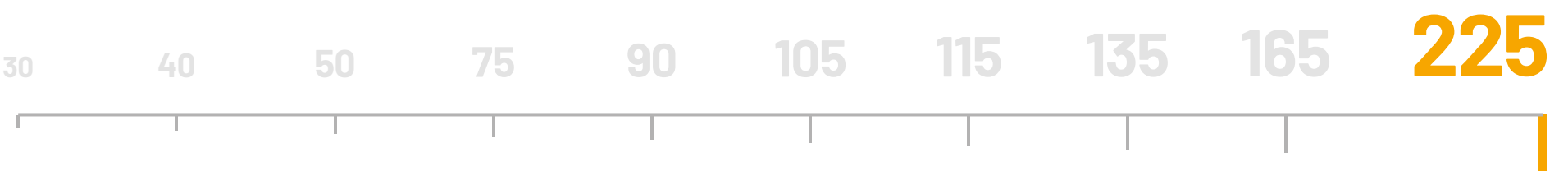
Product Range 12

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MODELS

KNUCKLE BOOM CRANES

MODEL	TONNE-METRES	PAGE
BP 225 7+5	225 TM	12
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ABOUT US

YOUR SAFE PARTNER FOR HEAVY LOADS

The BMACH Truck Mounted Knuckle Boom Crane Family

Where power, technology and engineering meet.

The BMACH Truck Mounted Knuckle Boom Crane Family has been developed around high lifting performance, outstanding durability and precise control, to meet the changing operational needs of many different industries.

The wide range, from 30 TM to 225 TM, offers reliable solutions on every site — from compact, agile applications to professional operations that demand high capacity, long reach and heavy-duty working conditions.

With an advanced engineering approach, powerful hydraulic systems and user-focused technologies, BMACH brings high performance, safe operation and operational efficiency together on one platform.

Every model is designed for a different need; every detail for a stronger operation.

Capacity to suit the need.
Power to suit the site.
Engineering to suit the operation.

OUR CORE PRINCIPLES

- High-strength materials
- Production to international standards
- After-sales technical support
- User-focused technology
- Meticulous workmanship and engineering
- On-time delivery
- Manufacturing in our own facility
- Powerful, reliable hydraulic systems

ON SITE · WIND POWER PLANT

WE OFFER NOT JUST A PRODUCT, BUT TRUST.

VISION & MISSION · KONYA

SINCE 1990

PERFORMANCE IN REACH, CONFIDENCE IN LIFTING POWER

In the BMACH family, from 30 TM to 225 TM, every model is designed to deliver on site exactly the boom reach and lifting capacity stated in the catalogue. Not exaggerated figures, but measured and tested performance.

With a technical infrastructure that has kept developing since our foundation and an expert team, we offer our customers not just a product but also trust. The projects we have completed and our wide network of references are the strongest proof of our quality and reliability in the industry.

In the manufacture of truck mounted submersible pump service cranes, truck mounted knuckle boom and fully folding cranes, and marine cranes, we are moving forward with an environmentally conscious, sustainable and innovative approach, aiming to be the leader in our region and a strong brand in national and international markets.

At BİRPOM BMACH we see quality not as a standard but as a corporate culture, and we have made it our core principle to always offer our customers the best product and the best service.

QUALITY ASSURANCE

QUALITY & CERTIFICATES

Our production processes and welding procedures are regularly audited by independent accredited bodies. The current certificates of our quality management system are shown below.

CERTIFICATES



Trademark Registration · Birpom

Turkish Patent Office · 2023 036576



Trademark Registration · Bmach

Turkish Patent Office · 2023 174209



ISO 9001:2015

Quality Management System



EN ISO 3834-2:2021

Welding Quality Requirements



QA-AC-7236/24

CE Certificate of Conformity



Technical File Conformity Letter

TSE · TDU-42-21-0191



Welder Certificate

2024/WC/823 · TS EN ISO 9606-1



Welder Certificate

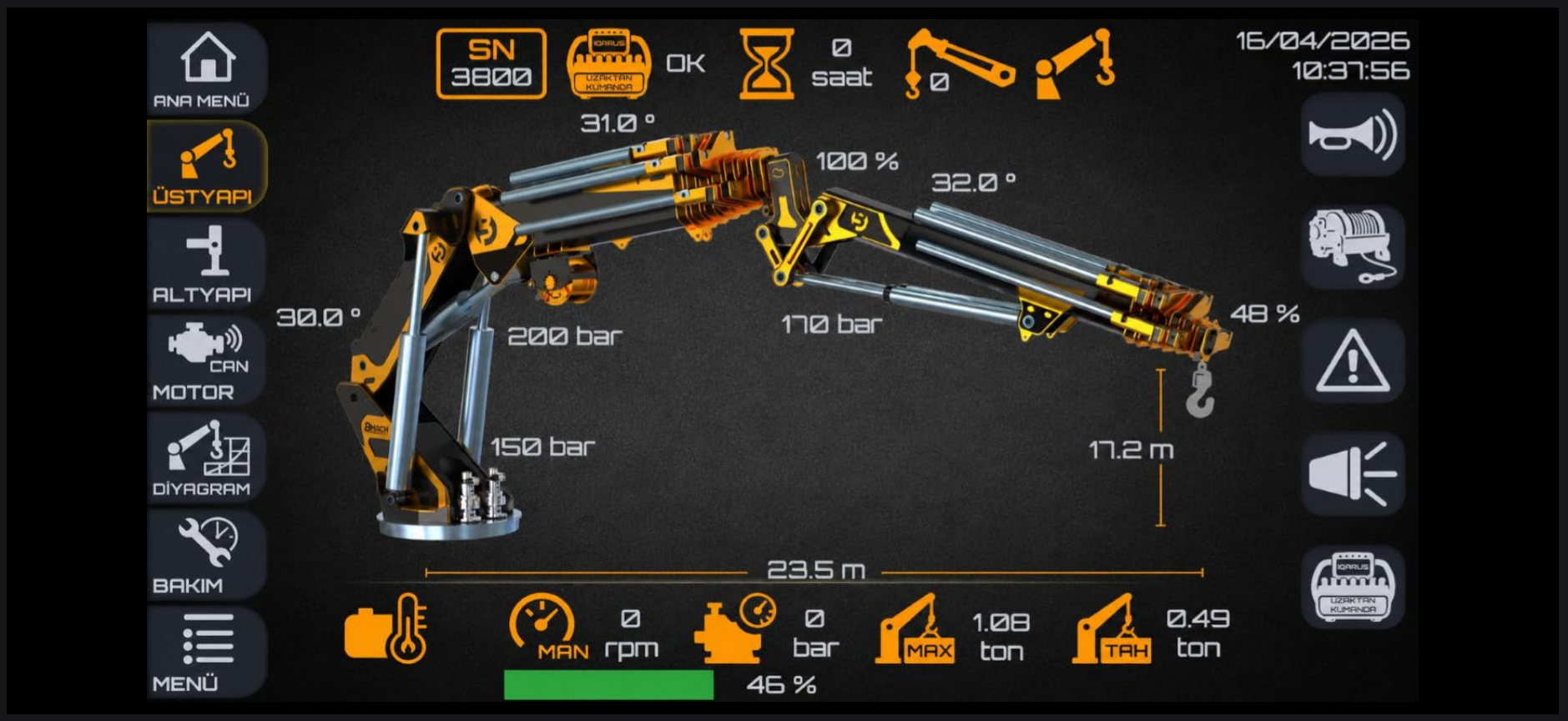
2024/WC/824 · TS EN ISO 9606-1

CRANE CONTROL SYSTEM

ADVANCED CONTROL SYSTEM

Power, technology, precision and maximum safety

The Advanced Crane Control System turns the crane from a purely mechanical and hydraulic machine into an integrated control platform that continuously monitors load, position, stability, hydraulics and working conditions. CAN Bus based electronic control, precise sensors, electro-proportional Flow Sharing hydraulic control and advanced operator interfaces combine safe, precise and efficient operation in a single system.



Superstructure Main Screen 01 / 05



Main Menu 02



Diagram 03



Cabin 04



Load Screen 05

SYSTEM & FEATURE

ADVANCED SYSTEM PACKAGES

Remote Control
Two-way smart wireless remote control with colour LCD display. Allows crane and stabilizer functions to be operated safely and precisely; system warnings and fault information are passed to the operator instantly.

Operator Panel
8" touch-screen operator panel showing load, stability, working conditions, system warnings and fault information in real time. In an emergency, basic crane functions can be operated from the panel.

Smart Sensing and Dynamic Load Management
Data from the boom angle sensor, boom length and cylinder pressure sensors is combined over CAN Bus to calculate the load moment (LMI) in real time. When capacity limits are approached or exceeded, the system intervenes in a controlled way.

Load Moment Control System (LMI)
Boom angle, boom length, cylinder pressures and load moment are evaluated together. Continuous monitoring of load capacity against the working geometry helps keep lifting within safe limits.

360° Smart Stability and Automatic Levelling System — OPTIONAL
Chassis tilt sensors, stabilizer position data and the working geometry are evaluated to monitor stability in every working direction and position. Automatic levelling support increases working safety.

Lower Unit / Stabilizer Control — OPTIONAL
The lower unit is monitored through chassis tilt sensors, stabilizer position sensors and outrigger pressure sensors. Stabilizers can be extended and retracted from the remote control.

CAN Bus Control System
A CAN Bus based control architecture providing high-speed data communication between the machine's electronic components, so that sensors, valves, controls and safety functions work in coordination.

Electronic Flow Sharing
The electro-proportional Flow Sharing main control valve distributes the available hydraulic flow evenly between the requested functions, so several movements can be made at once more smoothly and precisely.

Load Sensing Hydraulic System
A load sensing variable-flow hydraulic system produces only the flow and pressure needed, supporting energy efficiency and precise movement.

Operation Logs and Fault Memory
Keeps system operating data and fault records in memory, helping service and maintenance teams analyse faults faster and more systematically.

Automotive-Grade Electrical System
Protected electronics and cabling suited to vibration, heat, humidity and harsh site conditions support long-term, reliable operation.

Remote Service and Connectivity
Supports fault diagnosis, review of system data and suitable software updates remotely over a modem connection, shortening service response times.

Multi Function Control
Runs several crane functions simultaneously and in coordination, helping the operator carry out complex operations more smoothly and with greater control.

Anti-Sway System
An electronically controlled anti-sway function helps reduce load swing caused by crane movements, supporting the operator especially where precise positioning is needed.

End-of-Stroke Control
Helps reduce pressure peaks and mechanical shocks as cylinders reach the end of their stroke, protecting components and supporting smoother movement.

Maximum Pressure Protection
A control function that prevents the maximum permitted pressures in the hydraulic system from being exceeded, helping protect cylinders, valves and other hydraulic components from overload.

Anti-Stall Engine Protection
Uses engine speed and load/torque data to provide automatic control that prevents the engine from labouring or stalling under heavy load, for continuous and balanced operation.

Oil Temperature Control
Hydraulic oil temperature is monitored continuously by a sensor. Temperatures can be followed on the operator display, and the cooling system can be managed to help maintain suitable conditions.

Anti-2 Block (A2B)
A safety function that prevents the hook block from dangerously approaching the boom tip. In a critical approach it warns the operator and helps restrict the related movements.

Visual and Audible Warnings
Visual and audible warnings for exceeded capacity limits, critical working conditions and site safety. A siren, horn and multi-colour warning lights raise awareness.

Smart PTO Management System
A smart management system for controlling and monitoring PTO operation. It supports engaging the hydraulic system under suitable conditions and reduces unnecessary PTO use.

Turkish Interface and Updatable Software
A Turkish user interface helps the operator use the system easily and correctly. The updatable software platform supports the continued development of system functions.

Electric Emergency Power Pack — OPTIONAL
If a fault occurs in the main power or hydraulic system, it provides alternative electric power to bring the crane safely into its transport position.

EQUIPMENT

COMPREHENSIVE EQUIPMENT OPTIONS



Proportional main control valve

Main valve with proportional control for smooth, precise movement.



Variable displacement pump

Hydraulic pump that adjusts its flow automatically to demand.



Joystick control

Ergonomic joystick control for precise function control.



Load-radius control system

Keeps the load within safe limits according to the lifting radius.



Remote-controlled outrigger control

Lets the outriggers be extended and retracted by remote control.



Automatic lubrication

Periodic, automatic lubrication of critical points.



Anchor hook

Attachable anchor hook for securing and pulling work.



Multi-coupler

Multi-way quick coupler that connects hydraulic lines in one move.



Outrigger stability control system

Monitors ground slope and load balance and gives warnings.



Cabin with auxiliary heater

Comfortable cabin in the cold with an independent fuel heater.



Air-conditioned cabin

Cool working environment in the heat with an integrated air conditioner.



Flatbed body

Fixed vehicle body that increases load-carrying capacity.



Body extension

Extends the body length to increase carrying volume.



Rope winch

High-capacity steel rope winch for precise, safe lifting.



Mechanical boom

Mechanical telescopic boom extended in stages by hand or with pins.



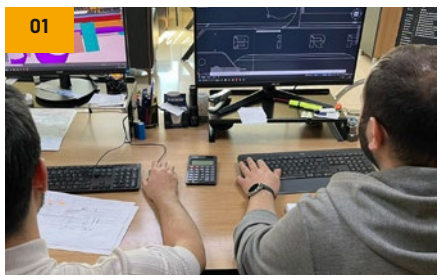
8” touch screen

Shows real-time crane data on a large 8” screen.

Standard and optional equipment varies by model. Please refer to the table on the relevant product pages or contact our authorised sales representative.

PROCESS

FROM DESIGN TO THE FIELD



Design & Engineering

Detailed engineering design and structural calculations in a CAD/CAM environment.



CNC Machining

High-tolerance precision machining on multi-axis CNC machines.



Laser Cutting

Clean-edged parts from high-precision fibre laser cutting.



Bending

Precise bending and forming on hydraulic presses.

Cutting & Grinding

Precise cutting and surface grinding to prepare for welding.

Welding

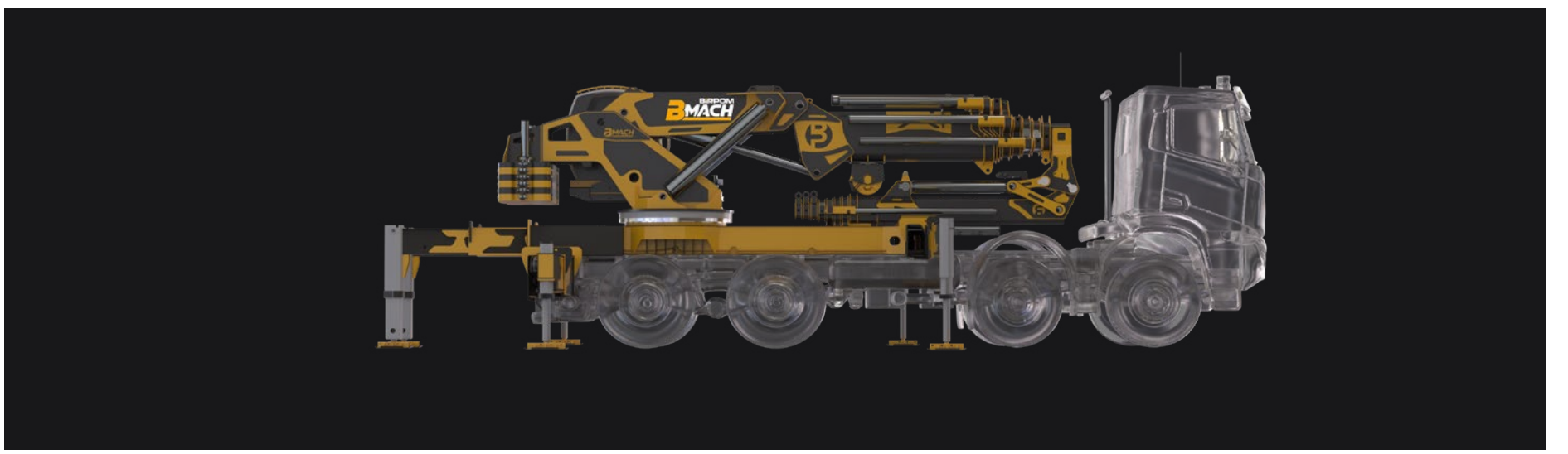
Deep-penetration welds on boom and body by certified welders.

Crane Assembly

Final assembly of boom, hydraulic cylinder and chassis groups.

Parts & Stock Management

Systematic parts stocking for an uninterrupted production flow.



PRODUCT RANGE

BP 225 7+5



225 TM	30.90 m	45.66 m	7+5	6,750 kg	Ø1747 mm
LIFTING MOMENT	1ST KNUCKLE · MAX. VERTICAL REACH	2ND KNUCKLE · MAX. VERTICAL REACH	BOOM EXTENSIONS	COUNTERWEIGHT	SLEWING RING






10.000 KG
10.000 KG


BİZİM VİNÇ A.Ş.

BP 225 7+5

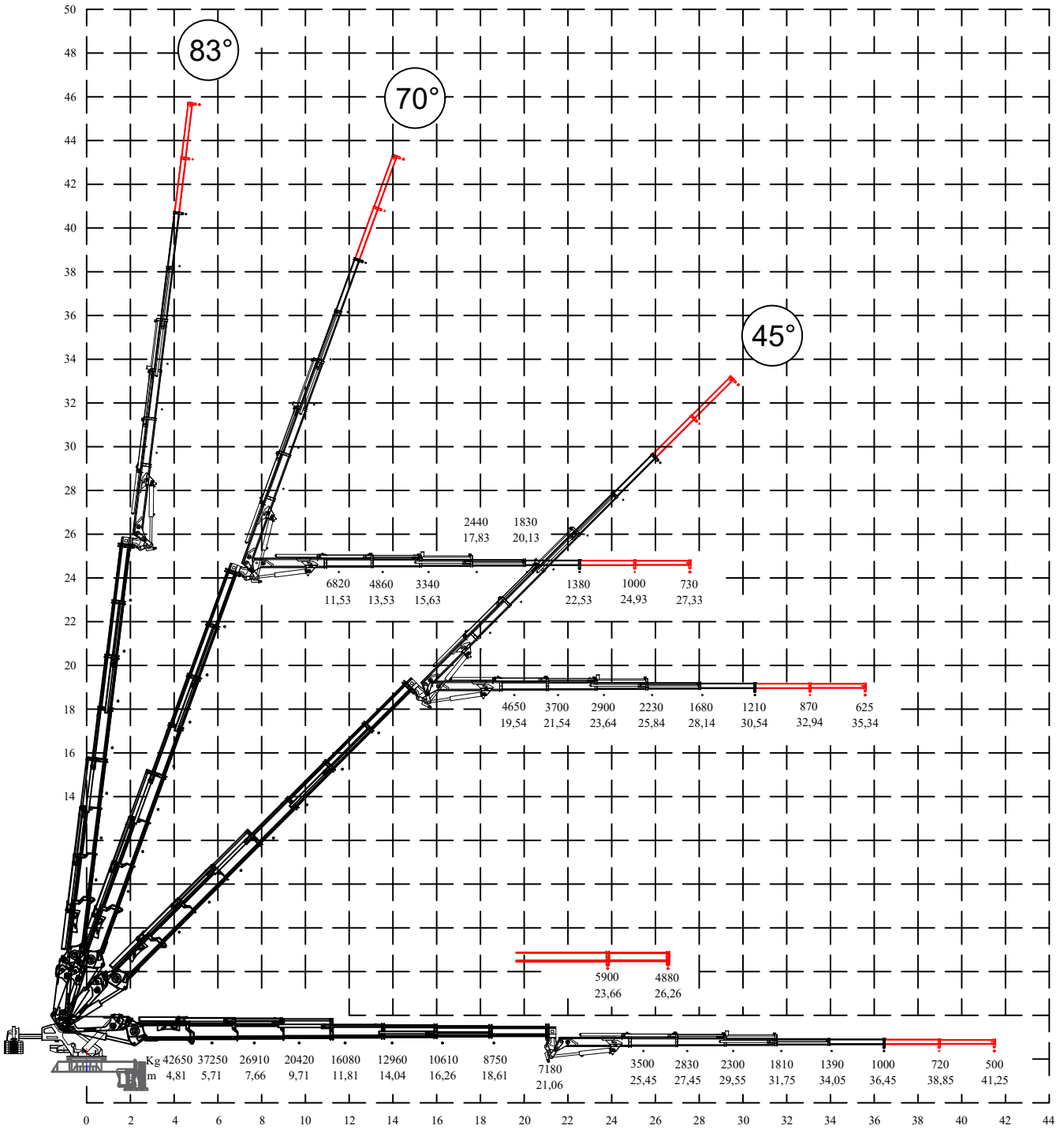
TECHNICAL SPECIFICATIONS	
MAXIMUM MOMENT CAPACITY	**225 TM**
1st KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**7 Hydraulic + 2 Mechanical**
2nd KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**5 Hydraulic + 2 Mechanical**
1st KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**25.43 m**
1st KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**30.90 m**
2nd KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**40.65 m**
2nd KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**45.66 m**
WORKING PRESSURE	**(≈) 300 bar**
ROTATION ANGLE	**∞ (Continuous)**
COUNTERWEIGHT	**6750 kg**
OIL TANK CAPACITY	**725 lt**
SLEWING RING GEAR DIAMETER	**Ø1747 mm** INTERNAL GEAR
BOOM SECTION TYPE	**OCTAGONAL**
SLEWING GEAR	**812** DOUBLE

* Technical information is for guidance only. BİRPOM BMACH reserves the right to make changes in line with technical requirements.

STANDARD EQUIPMENT

OPTIONAL EQUIPMENT

- Flatbed body
- Rope winch
- Cabin with auxiliary heater
- Mechanical boom
- Multi-coupler
- Proportional main control valve
- Radio remote control
- Load-radius control system
- 8" touch screen
- Joystick control
- Remote-controlled outrigger control
- Outrigger stability control system
- Variable displacement pump
- Automatic lubrication
- Air-conditioned cabin



- Boom deflection is not taken into account in the reach figures.
- 1st knuckle values apply when the 2nd knuckle group is not fitted.
- Reach and lifting values may change during project work.
- For guidance only. Bmach reserves the right to make changes without notice.

PRODUCT RANGE

BP 165 7+5



165 TM
LIFTING MOMENT

30.94 m
1ST KNUCKLE · MAX. VERTICAL REACH

46.83 m
2ND KNUCKLE · MAX. VERTICAL REACH

7+5
BOOM EXTENSIONS

5,750 kg
COUNTERWEIGHT

Ø1547 mm
SLEWING RING


BMACH


BMACH




BMACH
BMACH

BP 165 7+5

TECHNICAL SPECIFICATIONS	
MAXIMUM MOMENT CAPACITY	**165 TM**
1st KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**7 Hydraulic + 2 Mechanical**
2nd KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**5 Hydraulic + 2 Mechanical**
1st KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**25.51 m**
1st KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**30.94 m**
2nd KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**41.53 m**
2nd KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**46.83 m**
WORKING PRESSURE	**(≈) 280 bar**
ROTATION ANGLE	**∞ (Continuous)**
COUNTERWEIGHT	**5750 kg**
OIL TANK CAPACITY	**620 lt**
SLEWING RING GEAR DIAMETER	**Ø1547 mm** INTERNAL GEAR
BOOM SECTION TYPE	**OCTAGONAL**
SLEWING GEAR	**812** DOUBLE

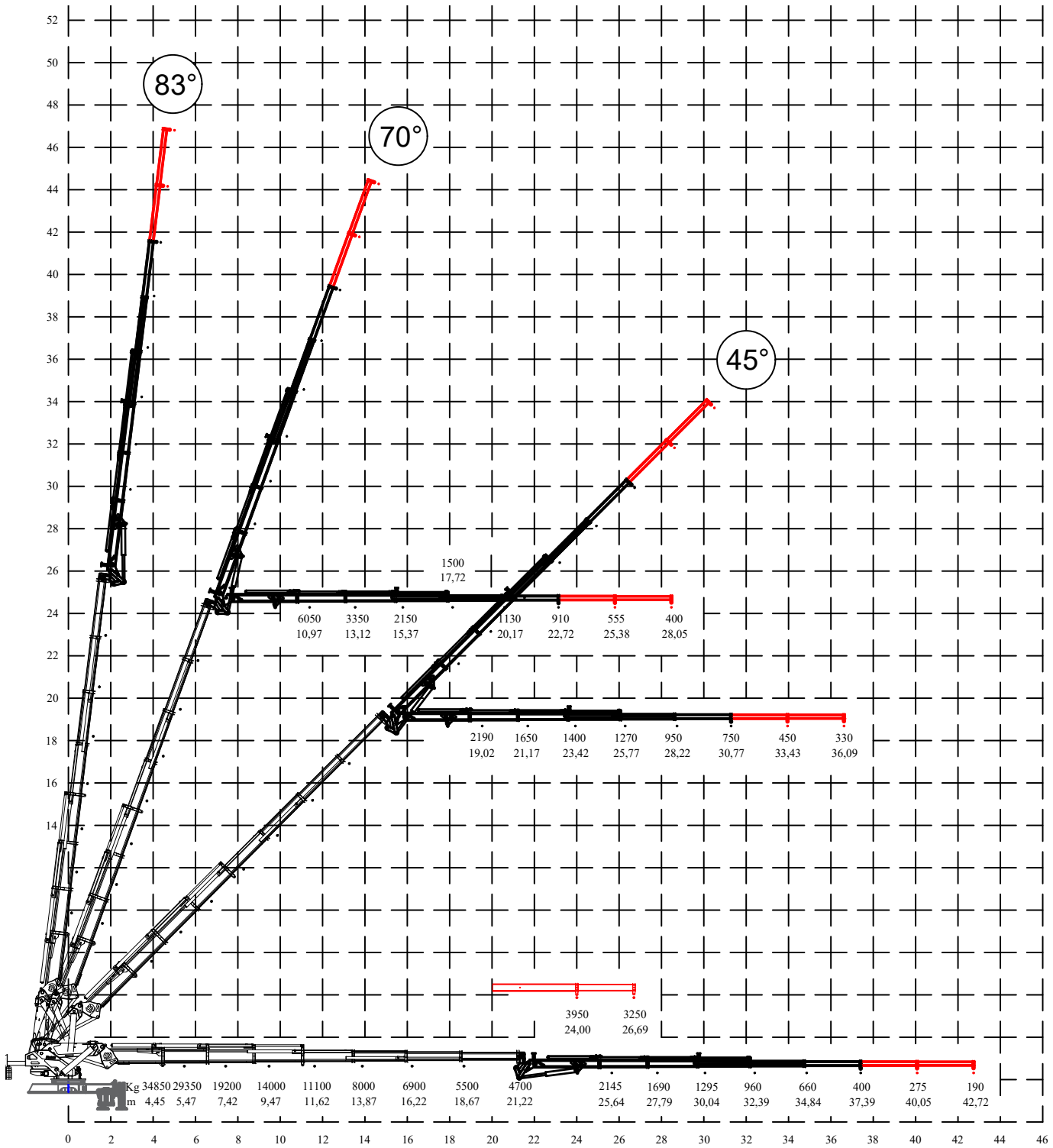
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STANDARD EQUIPMENT

- Flatbed body
- Rope winch
- Cabin with auxiliary heater
- Mechanical boom
- Multi-coupler
- Proportional main control valve
- Radio remote control
- Load-radius control system
- 8" touch screen
- Joystick control
- Remote-controlled outrigger control
- Automatic lubrication

OPTIONAL EQUIPMENT

- Outrigger stability control system
- Variable displacement pump
- Air-conditioned cabin



- Boom deflection is not taken into account in the reach figures.
- 1st knuckle values apply when the 2nd knuckle group is not fitted.
- Reach and lifting values may change during project work.
- For guidance only. Bmach reserves the right to make changes without notice.

PRODUCT RANGE

BP 135 7+5



135 TM
LIFTING MOMENT

29.49 m
1ST KNUCKLE · MAX. VERTICAL REACH

45.83 m
2ND KNUCKLE · MAX. VERTICAL REACH

7+5
BOOM EXTENSIONS

4,000 kg
COUNTERWEIGHT

Ø1345 mm
SLEWING RING


BMACH


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TRUCK MOUNTED KNUCKLE BOOM CRANE

BP 135 7+5

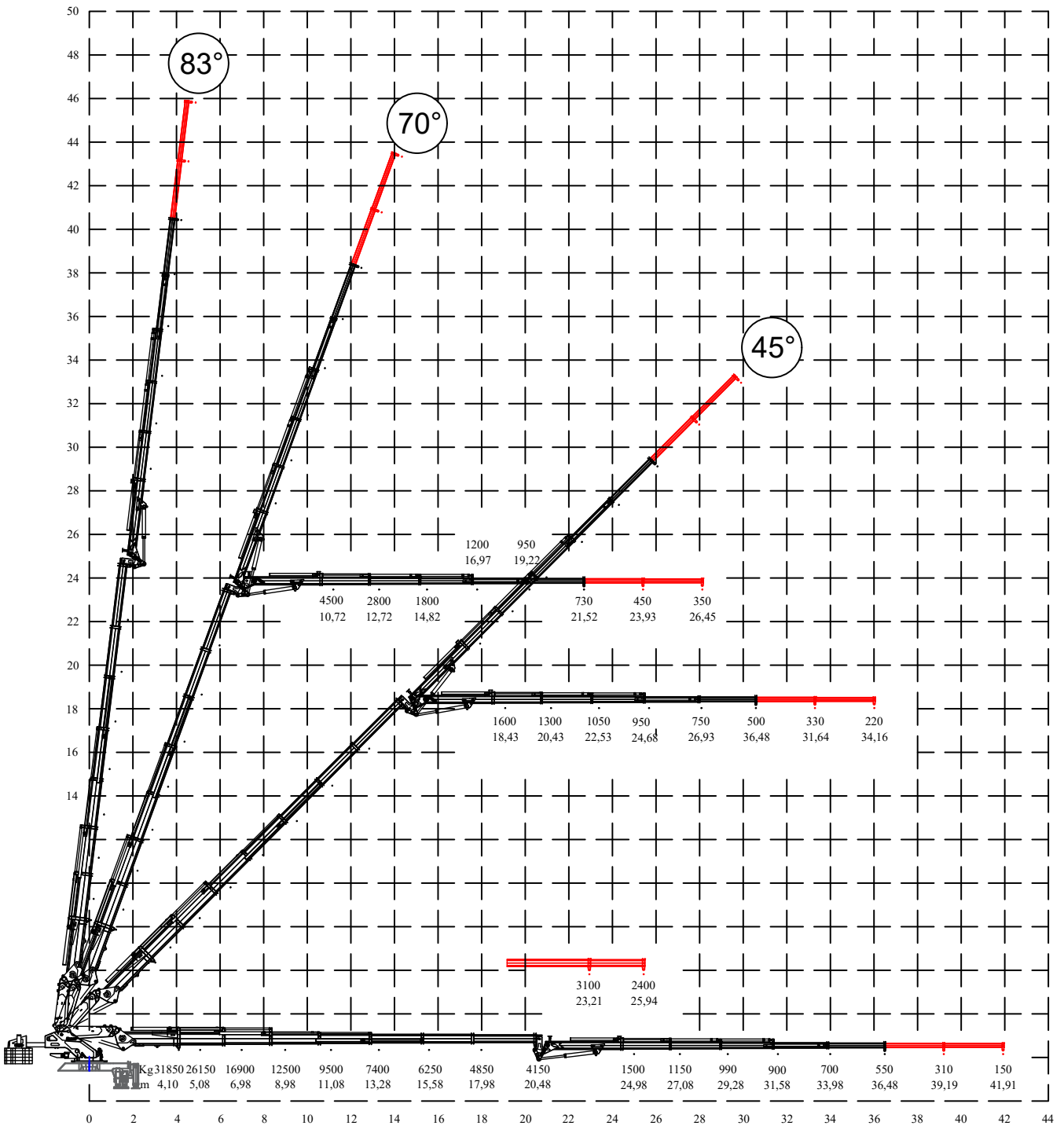
TECHNICAL SPECIFICATIONS	
MAXIMUM MOMENT CAPACITY	135 TM
1st KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	7 Hydraulic + 2 Mechanical
2nd KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	5 Hydraulic + 2 Mechanical
1st KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	24.54 m
1st KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	29.49 m
2nd KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	40.44 m
2nd KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	45.83 m
WORKING PRESSURE	(≈) 280 bar
ROTATION ANGLE	∞ (Continuous)
COUNTERWEIGHT	4000 kg
OIL TANK CAPACITY	435 lt
SLEWING RING GEAR DIAMETER	Ø1345 mm INTERNAL GEAR
BOOM SECTION TYPE	HEPTAGON
SLEWING GEAR	512 DOUBLE

* Technical information is for guidance only. BİRPOM BMACH reserves the right to make changes in line with technical requirements.

STANDARD EQUIPMENT

- Flatbed body
- Rope winch
- Cabin with auxiliary heater
- Mechanical boom
- Multi-coupler
- Proportional main control valve
- Radio remote control
- Load-radius control system
- 8" touch screen
- Variable displacement pump
- Joystick control
- Remote-controlled outrigger control
- Automatic lubrication
- Outrigger stability control system
- Air-conditioned cabin

OPTIONAL EQUIPMENT



- Boom deflection is not taken into account in the reach figures.
- 1st knuckle values apply when the 2nd knuckle group is not fitted.
- Reach and lifting values may change during project work.
- For guidance only. Bmach reserves the right to make changes without notice.

PRODUCT RANGE

BP 115 6+5



115 TM
LIFTING MOMENT

26.78 m
1ST KNUCKLE · MAX. VERTICAL REACH

41.03 m
2ND KNUCKLE · MAX. VERTICAL REACH

6+5
BOOM EXTENSIONS

3,200 kg
COUNTERWEIGHT

Ø1345 mm
SLEWING RING


BMACH


BMACH
115
6+5
BMACH


BMACH



BP 115 6+5

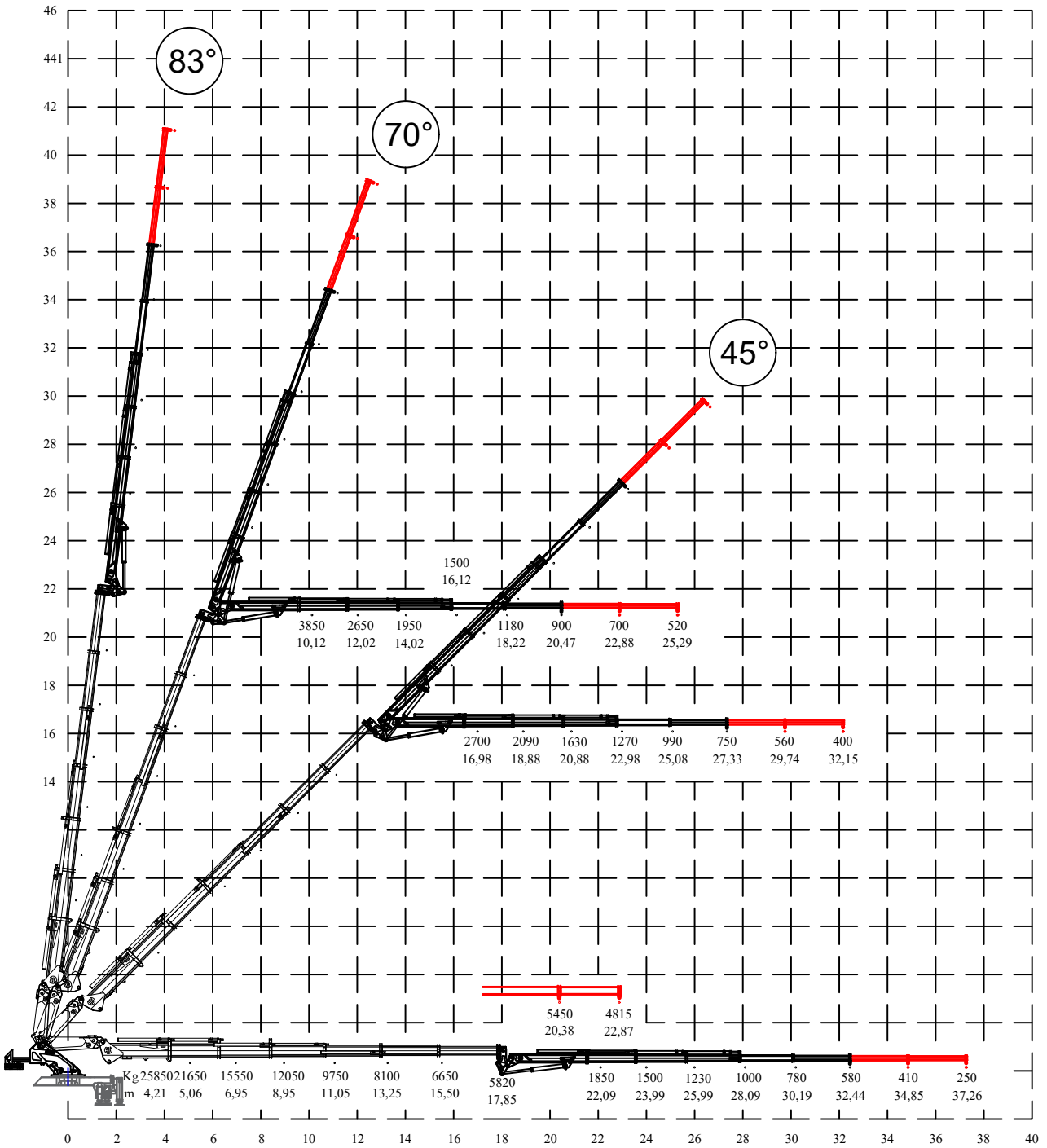
TECHNICAL SPECIFICATIONS	
MAXIMUM MOMENT CAPACITY	**115 TM**
1st KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**6 Hydraulic + 2 Mechanical**
2nd KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**5 Hydraulic + 2 Mechanical**
1st KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**21.80 m**
1st KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**26.78 m**
2nd KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**36.25 m**
2nd KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**41.03 m**
WORKING PRESSURE	**(≈) 280 bar**
ROTATION ANGLE	**∞ (Continuous)**
COUNTERWEIGHT	**3200 kg**
OIL TANK CAPACITY	**435 lt**
SLEWING RING GEAR DIAMETER	**Ø1345 mm** INTERNAL GEAR
BOOM SECTION TYPE	**HEPTAGON**
SLEWING GEAR	**512** DOUBLE

* Technical information is for guidance only. BİRPOM BMACH reserves the right to make changes in line with technical requirements.

STANDARD EQUIPMENT

- Flatbed body
- Rope winch
- Cabin with auxiliary heater
- Mechanical boom
- Multi-coupler
- Proportional main control valve
- Radio remote control
- Load-radius control system
- 8" touch screen
- Variable displacement pump
- Joystick control
- Remote-controlled outrigger control
- Automatic lubrication
- Outrigger stability control system
- Air-conditioned cabin

OPTIONAL EQUIPMENT



- Boom deflection is not taken into account in the reach figures.
- 1st knuckle values apply when the 2nd knuckle group is not fitted.
- Reach and lifting values may change during project work.
- For guidance only. Bmach reserves the right to make changes without notice.

PRODUCT RANGE

BP 105 6+5



105 TM
LIFTING MOMENT

26.92 m
1ST KNUCKLE · MAX. VERTICAL REACH

41.22 m
2ND KNUCKLE · MAX. VERTICAL REACH

6+5
BOOM EXTENSIONS

420 lt
OIL TANK

Ø1345 mm
SLEWING RING







BP 105 6+5

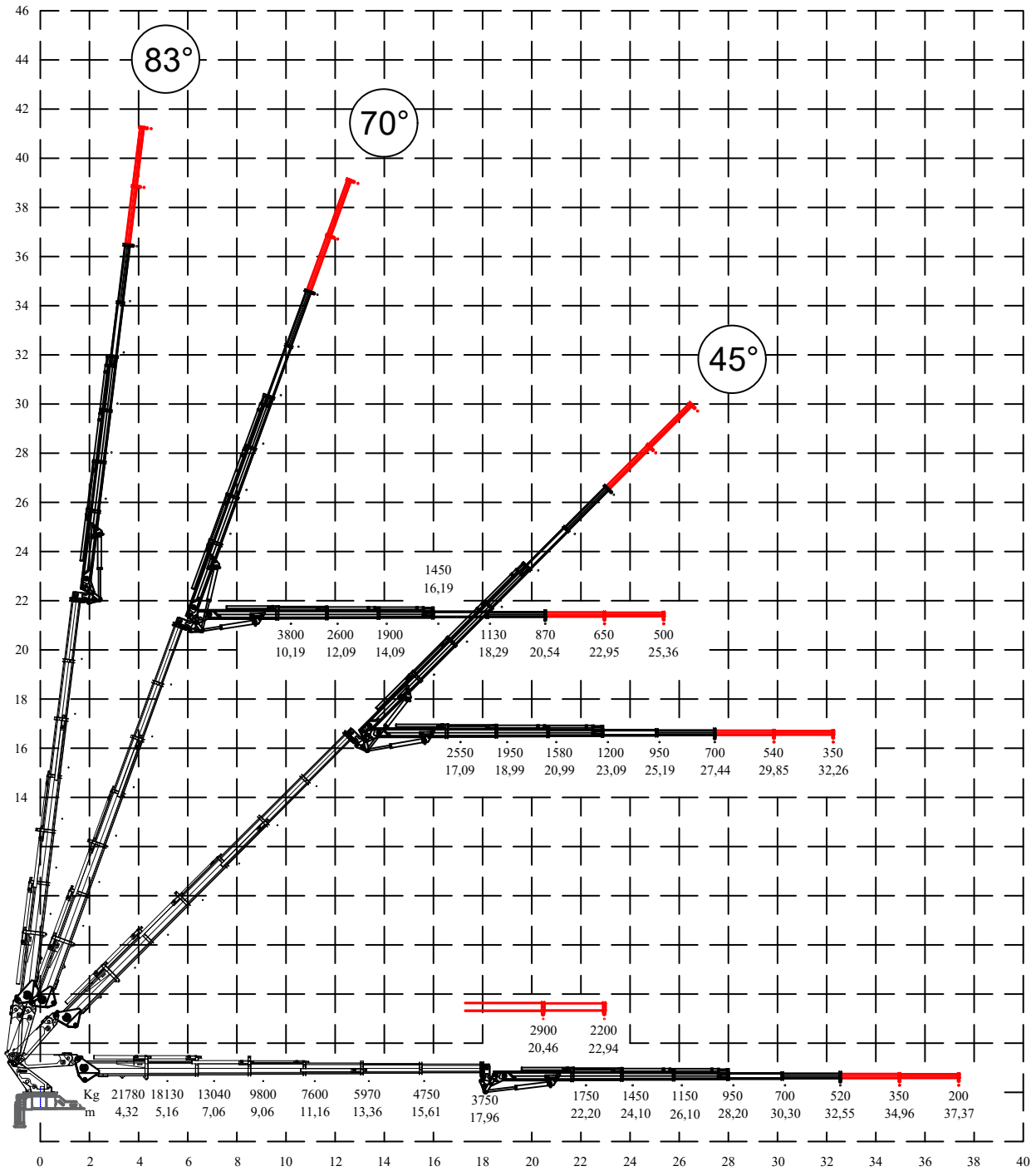
TECHNICAL SPECIFICATIONS	
MAXIMUM MOMENT CAPACITY	**105 TM**
1st KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**6 Hydraulic + 2 Mechanical**
2nd KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**5 Hydraulic + 2 Mechanical**
1st KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**21.98 m**
1st KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**26.92 m**
2nd KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**36.43 m**
2nd KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**41.22 m**
WORKING PRESSURE	**(≈) 280 bar**
ROTATION ANGLE	**∞ (Continuous)**
COUNTERWEIGHT	**–**
OIL TANK CAPACITY	**420 lt**
SLEWING RING GEAR DIAMETER	**Ø1345 mm** INTERNAL GEAR
BOOM SECTION TYPE	**HEPTAGON**
SLEWING GEAR	**512** DOUBLE

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STANDARD EQUIPMENT

OPTIONAL EQUIPMENT

- Flatbed body
- Body extension
- Rope winch
- Cabin with auxiliary heater
- Mechanical boom
- Multi-coupler
- Proportional main control valve
- Radio remote control
- Load-radius control system
- 8" touch screen
- Variable displacement pump
- Joystick control
- Remote-controlled outrigger control
- Automatic lubrication
- Outrigger stability control system
- Air-conditioned cabin



- Boom deflection is not taken into account in the reach figures.
- 1st knuckle values apply when the 2nd knuckle group is not fitted.
- Reach and lifting values may change during project work.
- For guidance only. Bmach reserves the right to make changes without notice.

PRODUCT RANGE

BP 90 6+4



90 TM
LIFTING MOMENT

25.80 m
1ST KNUCKLE · MAX. VERTICAL REACH

37.89 m
2ND KNUCKLE · MAX. VERTICAL REACH

6+4
BOOM EXTENSIONS

350 lt
OIL TANK

Ø1289 mm
SLEWING RING









BP 90 6+4

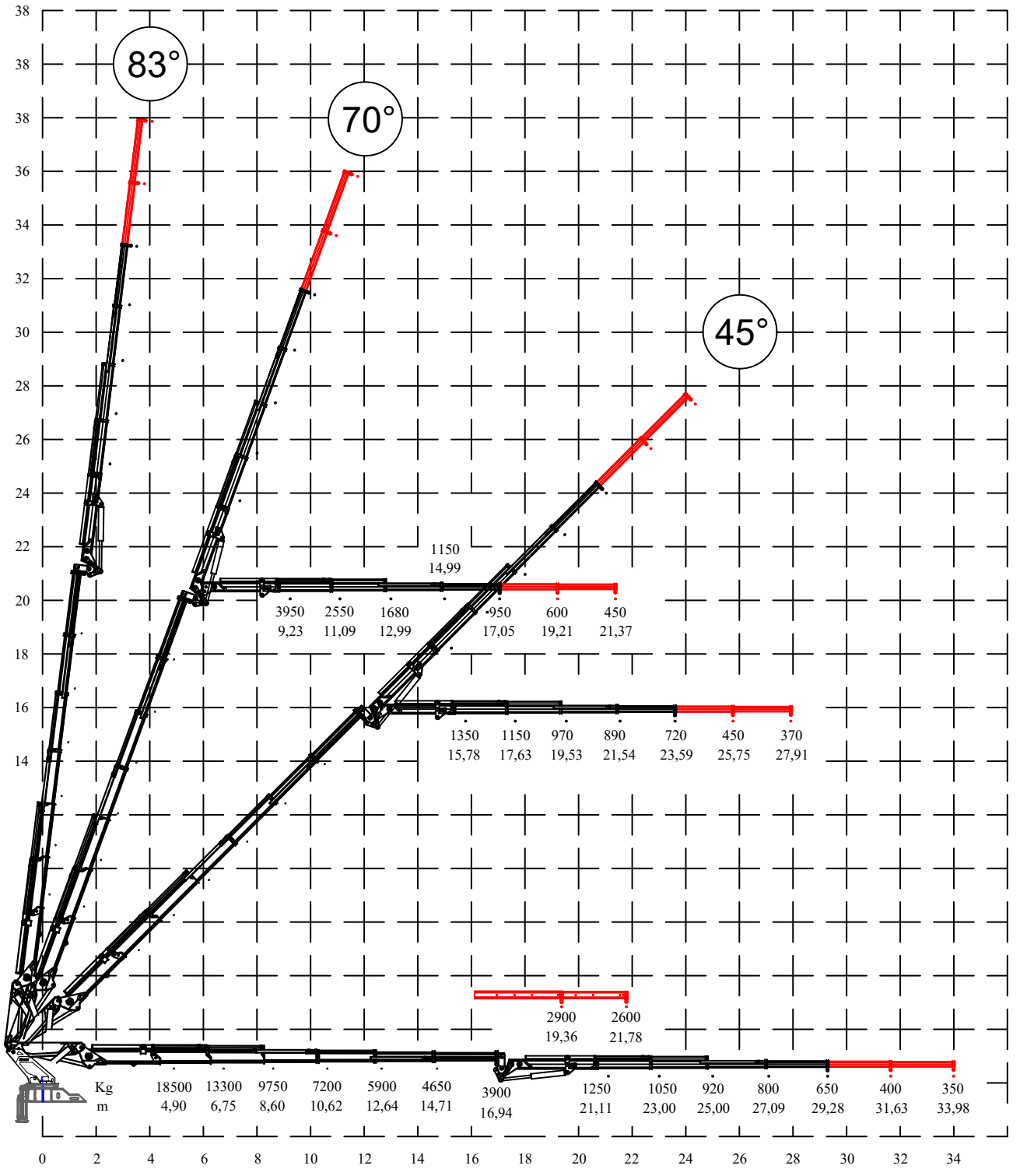
TECHNICAL SPECIFICATIONS	
MAXIMUM MOMENT CAPACITY	**90 TM**
1st KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**6 Hydraulic + 2 Mechanical**
2nd KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**4 Hydraulic + 2 Mechanical**
1st KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**20.99 m**
1st KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**25.80 m**
2nd KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**33.22 m**
2nd KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**37.89 m**
WORKING PRESSURE	**(≈) 280 bar**
ROTATION ANGLE	**∞ (Continuous)**
COUNTERWEIGHT	**–**
OIL TANK CAPACITY	**350 lt**
SLEWING RING GEAR DIAMETER	**Ø1289 mm** EXTERNAL GEAR
BOOM SECTION TYPE	**HEPTAGON**
SLEWING GEAR	**512** DOUBLE

* Technical information is for guidance only. BİRPOM BMACH reserves the right to make changes in line with technical requirements.

STANDARD EQUIPMENT

OPTIONAL EQUIPMENT

- Flatbed body
- Body extension
- Rope winch
- Cabin with auxiliary heater
- Mechanical boom
- Multi-coupler
- Proportional main control valve
- Radio remote control
- Load-radius control system
- 8" touch screen
- Variable displacement pump
- Joystick control
- Remote-controlled outrigger control
- Automatic lubrication
- Outrigger stability control system
- Air-conditioned cabin



- Boom deflection is not taken into account in the reach figures.
- 1st knuckle values apply when the 2nd knuckle group is not fitted.
- Reach and lifting values may change during project work.
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PRODUCT RANGE

BP 75 YK 6



75 TM
LIFTING MOMENT

18.96 m
MAX. VERTICAL HYDRAULIC REACH

23.07 m
MAX. VERTICAL MECHANICAL REACH

6
HYDRAULIC EXTENSIONS

240 lt
OIL TANK

Ø1144 mm
SLEWING RING


BMACH


BMACH


BMACH


BIRPOM
2011
AXOR

BP 75 YK 6

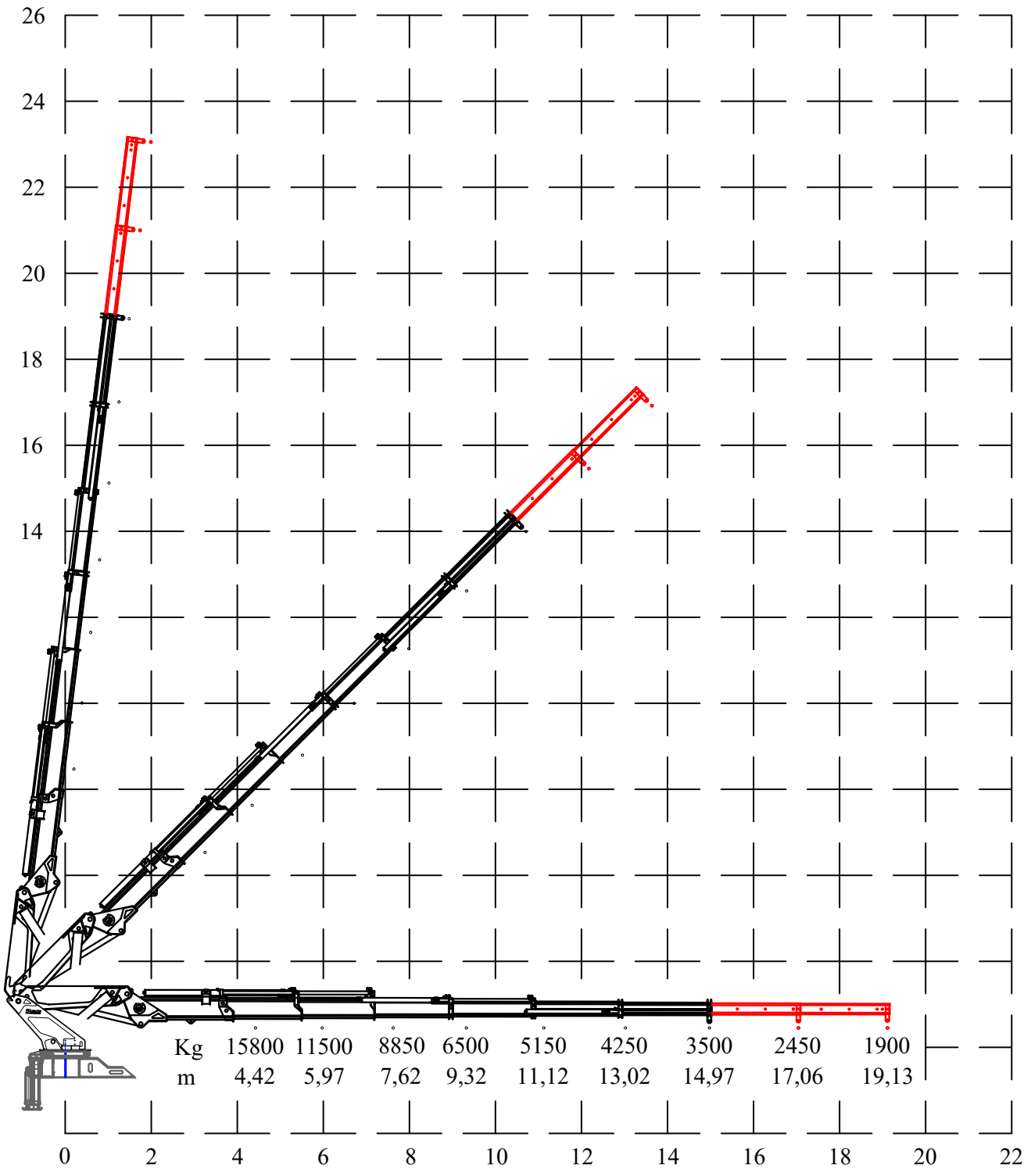
TECHNICAL SPECIFICATIONS	
MAXIMUM MOMENT CAPACITY	**75 TM**
1st KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**6 Hydraulic + 2 Mechanical**
2nd KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**–**
1st KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**18.96 m**
1st KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**23.07 m**
2nd KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**–**
2nd KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**–**
WORKING PRESSURE	**(≈) 280 bar**
ROTATION ANGLE	**∞ (Continuous)**
COUNTERWEIGHT	**–**
OIL TANK CAPACITY	**240 lt**
SLEWING RING GEAR DIAMETER	**Ø1144 mm** EXTERNAL GEAR
BOOM SECTION TYPE	**HEPTAGON**
SLEWING GEAR	**312** DOUBLE

* Technical information is for guidance only. BİRPOM BMACH reserves the right to make changes in line with technical requirements.

STANDARD EQUIPMENT

OPTIONAL EQUIPMENT

- Flatbed body
- Body extension
- Rope winch
- Cabin with auxiliary heater
- Mechanical boom
- Radio remote control
- Proportional main control valve
- Variable displacement pump
- Joystick control
- Load-radius control system
- Remote-controlled outrigger control
- Automatic lubrication
- Outrigger stability control system
- Air-conditioned cabin
- 8" touch screen



- Boom deflection is not taken into account in the reach figures.
- Reach and lifting values may change during project work.
- For guidance only. Bmach reserves the right to make changes without notice.

PRODUCT RANGE

BP 50 YK 6



50 TM
LIFTING MOMENT

18.49 m
MAX. VERTICAL HYDRAULIC REACH

22.60 m
MAX. VERTICAL MECHANICAL REACH

6
HYDRAULIC EXTENSIONS

240 lt
OIL TANK

Ø1080 mm
SLEWING RING









BP 50 YK 6

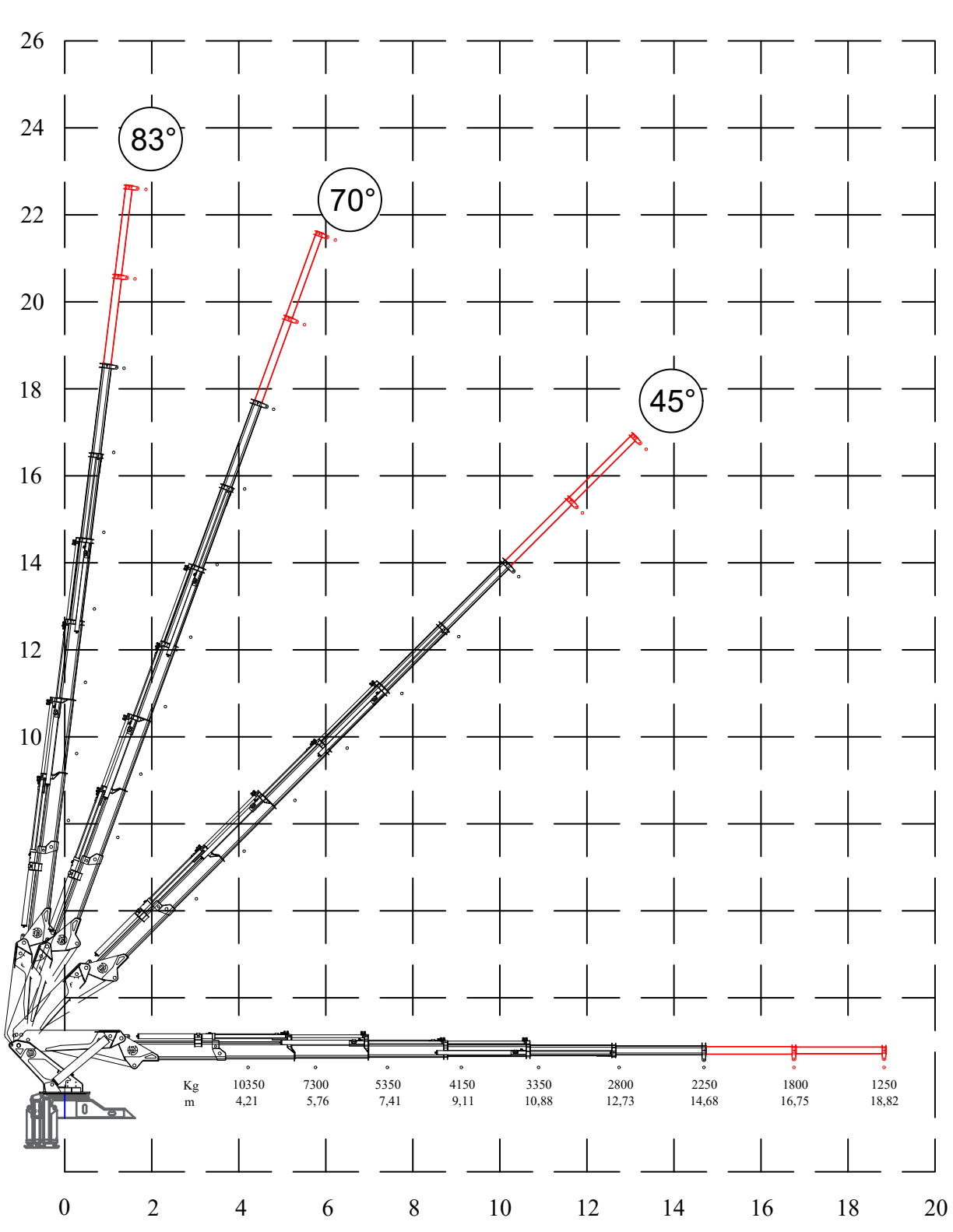
TECHNICAL SPECIFICATIONS	
MAXIMUM MOMENT CAPACITY	**50 TM**
1st KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**6 Hydraulic + 2 Mechanical**
2nd KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**–**
1st KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**18.49 m**
1st KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**22.60 m**
2nd KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**–**
2nd KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**–**
WORKING PRESSURE	**(≈) 280 bar**
ROTATION ANGLE	**∞ (Continuous)**
COUNTERWEIGHT	**–**
OIL TANK CAPACITY	**240 lt**
SLEWING RING GEAR DIAMETER	**Ø1080 mm** EXTERNAL GEAR
BOOM SECTION TYPE	**HEXAGON**
SLEWING GEAR	**312** SINGLE

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STANDARD EQUIPMENT

OPTIONAL EQUIPMENT

- Flatbed body
- Body extension
- Rope winch
- Cabin with auxiliary heater
- Mechanical boom
- Radio remote control
- Proportional main control valve
- Variable displacement pump
- Joystick control
- Load-radius control system
- Remote-controlled outrigger control
- Automatic lubrication
- Outrigger stability control system
- Air-conditioned cabin
- 8" touch screen



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PRODUCT RANGE

BP 40 YK 6



40 TM
LIFTING MOMENT

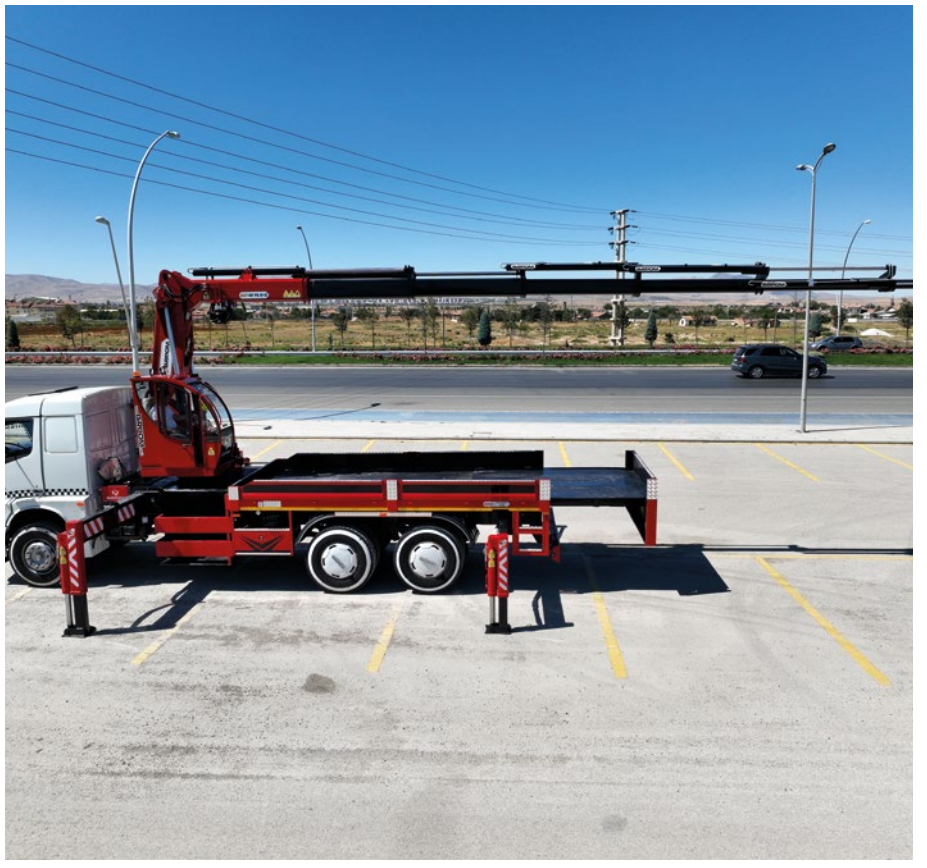
18.70 m
MAX. VERTICAL HYDRAULIC REACH

22.89 m
MAX. VERTICAL MECHANICAL REACH

6
HYDRAULIC EXTENSIONS

150 lt
OIL TANK

Ø900 mm
SLEWING RING









BP 40 YK 6

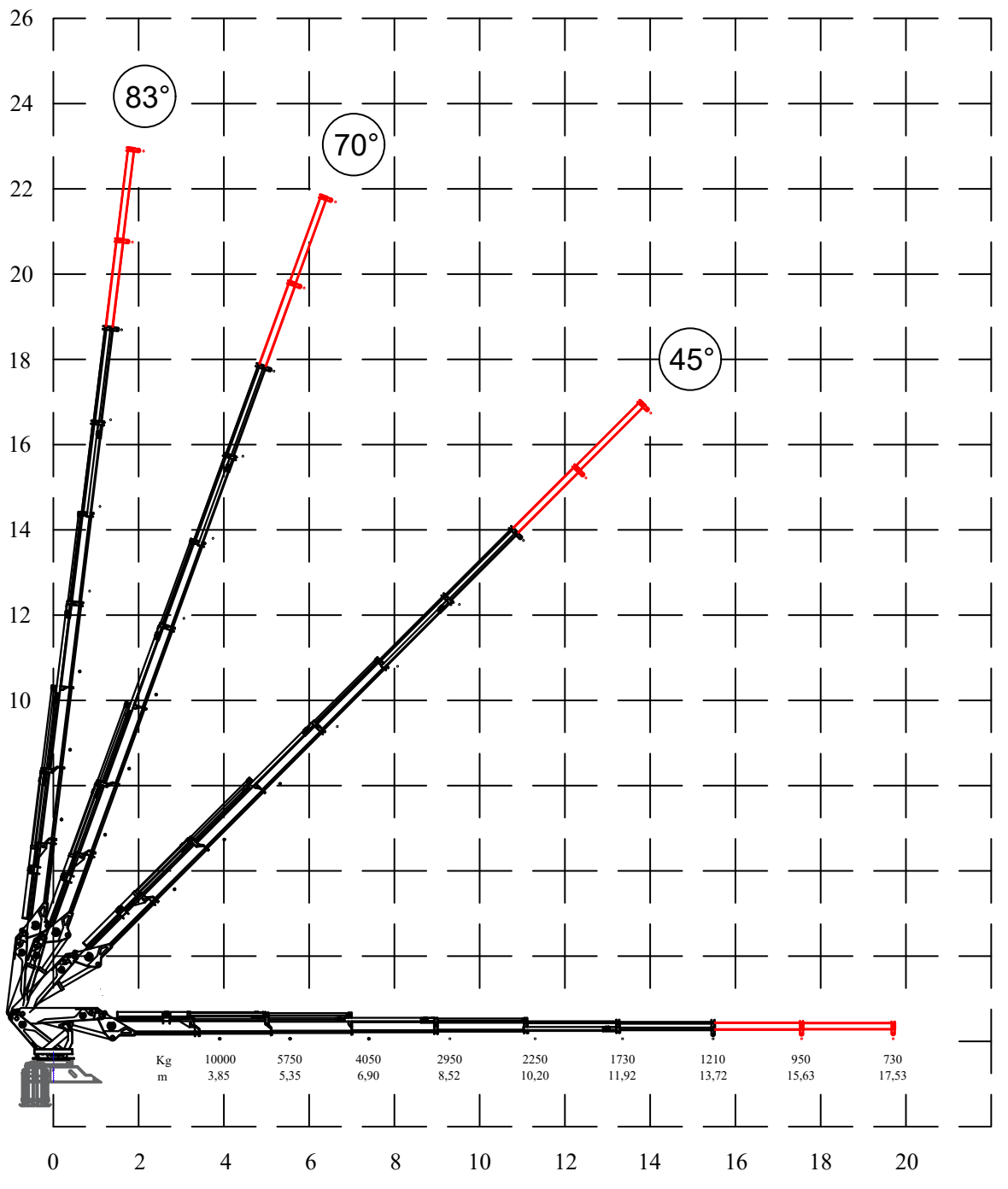
TECHNICAL SPECIFICATIONS	
MAXIMUM MOMENT CAPACITY	**40 TM**
1st KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**6 Hydraulic + 2 Mechanical**
2nd KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**–**
1st KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**18.70 m**
1st KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**22.89 m**
2nd KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**–**
2nd KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**–**
WORKING PRESSURE	**(≈) 280 bar**
ROTATION ANGLE	**∞ (Continuous)**
COUNTERWEIGHT	**–**
OIL TANK CAPACITY	**150 lt**
SLEWING RING GEAR DIAMETER	**Ø900 mm** EXTERNAL GEAR
BOOM SECTION TYPE	**HEXAGON**
SLEWING GEAR	**312** SINGLE

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STANDARD EQUIPMENT

OPTIONAL EQUIPMENT

- Flatbed body
- Body extension
- Rope winch
- Cabin with auxiliary heater
- Mechanical boom
- Radio remote control
- Proportional main control valve
- Variable displacement pump
- Joystick control
- Load-radius control system
- Remote-controlled outrigger control
- Automatic lubrication
- Outrigger stability control system
- Air-conditioned cabin
- 8" touch screen



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PRODUCT RANGE

BP 30 YK 6



30 TM
LIFTING MOMENT

16.96 m
MAX. VERTICAL HYDRAULIC REACH

20.75 m
MAX. VERTICAL MECHANICAL REACH

6
HYDRAULIC EXTENSIONS

150 lt
OIL TANK

Ø900 mm
SLEWING RING







BP 30 YK 6

TECHNICAL SPECIFICATIONS	
MAXIMUM MOMENT CAPACITY	**30 TM**
1st KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**6 Hydraulic + 2 Mechanical**
2nd KNUCKLE – NUMBER OF HYDRAULIC / MECHANICAL BOOM EXTENSIONS	**–**
1st KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**16.96 m**
1st KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**20.75 m**
2nd KNUCKLE – MAXIMUM VERTICAL HYDRAULIC EXTENSION	**–**
2nd KNUCKLE – MAXIMUM VERTICAL MECHANICAL EXTENSION	**–**
WORKING PRESSURE	**(≈) 280 bar**
ROTATION ANGLE	**∞ (Continuous)**
COUNTERWEIGHT	**–**
OIL TANK CAPACITY	**150 lt**
SLEWING RING GEAR DIAMETER	**Ø900 mm** EXTERNAL GEAR
BOOM SECTION TYPE	**HEXAGON**
SLEWING GEAR	**312** SINGLE

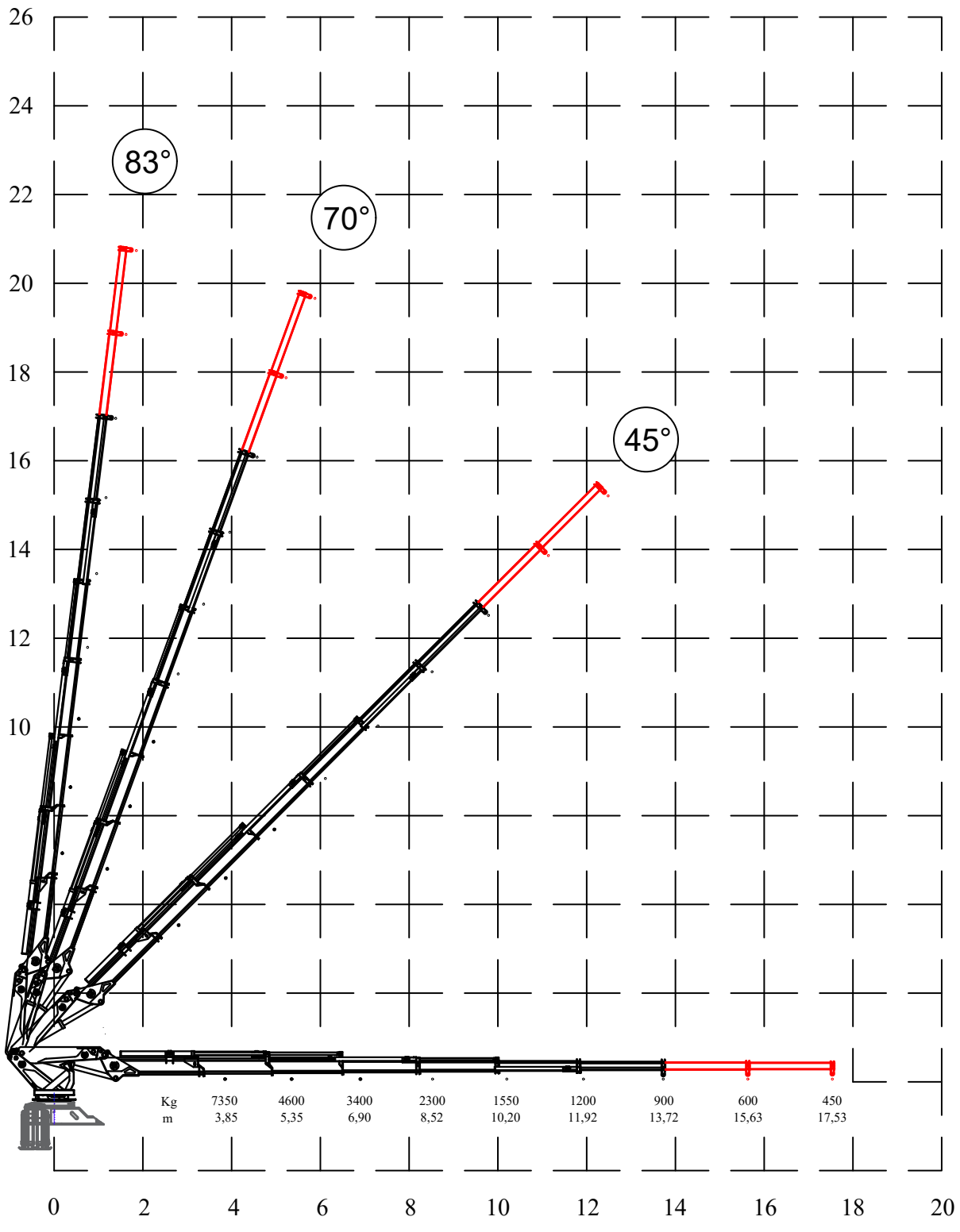
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STANDARD EQUIPMENT

- Flatbed body
- Body extension
- Rope winch
- Cabin with auxiliary heater
- Mechanical boom
- Joystick control
- Load-radius control system
- Remote-controlled outrigger control
- Automatic lubrication
- Outrigger stability control system
- Air-conditioned cabin
- 8" touch screen

OPTIONAL EQUIPMENT

- Radio remote control
- Proportional main control valve
- Variable displacement pump



- Boom deflection is not taken into account in the reach figures.
- Reach and lifting values may change during project work.
- For guidance only. Bmach reserves the right to make changes without notice.

CONTACT

CONTACT

HEAD OFFICE
Fevzi Çakmak Mah. No:2 42060
Karatay / KONYA / TÜRKİYE

BRANCH
Fevzi Çakmak Mah. 10758. St. No:3/I
Karatay / KONYA / TÜRKİYE

Mon – Fri · 08:00 – 18:00

+90 332 237 34 72
+90 538 853 15 28 (WhatsApp)
bilgi@birpom.com.tr
www.bmach.com.tr

@birpom.bmach
birpombmach
birpom-bmach
@birpombmach
@birpom.bmach
@birpom.bmach