# 6RZ73

BOOM LENGTH: 73 M

CONCRETE OUTPUT: 160 m<sup>3</sup>/H

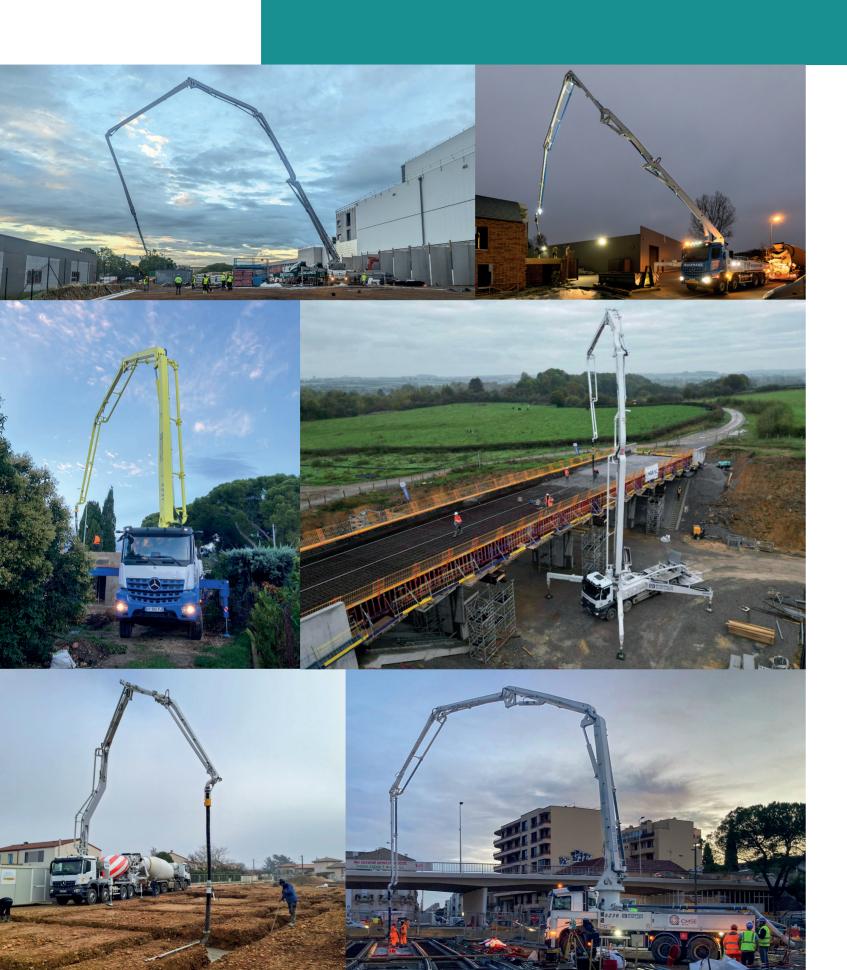
CONCRETE PRESSURE: 85 BAR







### **BONNEUX MACHINERY**



#### YOUR RELIABLE PARTNER IN CONCRETE PUMPS

SINCE ITS FOUNDING IN 1994 BY ROHNNY BONNEUX, BONNEUX MACHINERY HAS GROWN INTO A LEADING PLAYER IN THE WORLD OF CONCRETE PUMPS AND PUMP MIXERS. BASED IN SINT-TRUIDEN, BELGIUM, OUR DEDICATED TEAM OF 20 PROFESSIONALS WORK DAILY TO PROVIDE CUSTOMERS WITH THE BEST MACHINES AND SERVICE.

WITH OVER 1000 CONCRETE PUMPS AND PUMP MIXERS SOLD, BONNEUX MACHINERY CONSISTENTLY PROVES IT'S EXPERTISE AND RELIABILITY. ADDITIONALLY, WE ARE THE EXCLUSIVE IMPORTER OF BONNEUX XANJER CONCRETE PUMPS FOR EUROPE, OFFERING INNOVATIVE AND HIGH-QUALITY PUMPING SOLUTIONS FOR THE CONSTRUCTION INDUSTRY.

#### QUALITY AND SERVICE WITHOUT COMPROMISE

AT BONNEUX MACHINERY, EVERYTHING REVOLVES AROUND RELIABILITY, INNOVATION AND EXCEPTIONAL SERVICE. WHETHER YOU ARE AN END CUSTOMER OR A DEALER, WE GUARANTEE PERFECT SERVICE TAILORED TO YOUR NEEDS.

- R SHORT COMMUNICATION LINES DIRECT AND EFFICIENT CONTACT FOR QUICK SOLUTIONS
- WIDE RANGE OF SPARE PARTS MINIMAL DOWNTIME, MAXIMUM PRODUCTIVITY
- CUSTOM FINISHING TAILORED TO YOUR SPECIFIC REQUIREMENTS AND WORK ENVIRONMENT
- IN-HOUSE TEAM OF TOP ENGINEERS AND TECHNICIANS EXPERTISE AND CRAFTSMANSHIP UNDER ONE ROOF
- © CONSTANT DEVELOPMENT WE CONTINUE TO INNOVATE TO PROVIDE THE BEST SOLUTIONS

#### INNOVATION AND QUALITY IN-HOUSE

AT BONNEUX MACHINERY, WE INVEST IN THE LATEST TECHNOLOGIES TO PERFECT OUR MACHINES. THANKS TO OUR ADVANCED MACHINERY, COMBINED WITH OUR EXPERIENCED ENGINEERS AND TECHNICIANS, WE CAN DELIVER CUSTOMIZED SOLUTIONS WHILE ENSURING THE HIGHEST QUALITY.

- COOLED WELDING ROBOT PERFECT WELDING OF CUSTOM DOUBLE-WALLED PIPES
- III UNIQUE HOSE PRESS FOR CONCRETE HOSES FAST SERVICE FOR CUSTOM-MADE CONCRETE HOSES
- PROFESSIONAL SPRAY BOOTH CUSTOMIZATION OF ACCESSORIES
- TRUCK LIFTS EFFICIENT MAINTENANCE AND FAST SERVICE
- □ CUTTING AND BENDING MACHINE PRECISE CUSTOM METALWORKING
- REVISION OF HYDRAULIC CYLINDERS REVISION BENCH WITH VERY HIGH TORQUE AND TEST MODULE

WITH THIS MODERN EQUIPMENT, WE GUARANTEE AN EFFICIENT, COMPREHENSIVE AND SMOOTH SERVICE.

WITH BONNEUX MACHINERY, YOU CHOOSE MORE THAN JUST A MACHINE - YOU CHOOSE A PARTNER WHO THINKS WITH YOU AND ALWAYS GOES THE EXTRA MILE.







## **PUMPING UNIT**



PUMPING UNIT XJG5680 OPEN HYDRAULIC SYSTEM	
MAX. CONCRETE FLOW RATE*	160 м <sup>3</sup> /н
MAX. CONCRETE PRESSURE*	85 BAR
MAX. NUMBER OF STROKES	24/MIN
STROKE LENGTH	2100 MM
DIAMETER OF CONCRETE CYLINDER	260 MM
HOPPER CAPACITY	700 L

ADVANTAGES.	CONSTRUCTION
AD VAITIAGES	

THE DATA GIVEN ARE THEORETICAL VALUES AND CANNOT BE REACHED SIMULTANEOUSLY

POWERED BY PTO TRANSMISSION OF THE TRUCK

S-VALVE MADE OF WEAR-RESISTANT STEEL

WEAR RING AND WEAR PLATE WITH COMPENSATION SYSTEM WITH INLAY OF TUNGSTEN CARBIDE STEEL

HYDRAULICALLY DRIVEN AND TEMPERATURE CONTROLLED OIL COOLER

MIXING SHAFT WITH REMOVABLE BLADES (HARDOX $^{\circ}$ )

AUTOMATIC GREASE LUBRICATION SYSTEM, HYDRAULICALLY DRIVEN

DOUBLE-WALLED EXIT BEND 7" WITH CLEANING ACCESS

CONCRETE CYLINDERS WITH HARD CHROME INNER WALL

SIMPLY ENGINEERED OPEN HYDRAULIC SYSTEM

ELECTRO-HYDRAULIC CONTROLLED PUMPING UNIT

SEPARATE CONTROL FOR PUMPING AND S-VALVE CYLINDERS SUPPORTED WITH ACCUMULATOR

FUEL-SAVING FLOW AND ENGINE SPEED CONTROL

VARIABLE DISPLACEMENT PUMP, PRESSURE FLOW CONTROLLED

ALUMINIUM COVER WITH 2 LED WORK LIGHTS



## HIGHLIGHTS



A UNIQUE DESIGN WITH LARGE CAPACITY AND A CURVED SHAPE. THE ROUNDED CORNERS ENSURE EASY CLEANING AND REDUCE CONCRETE RESIDUE



THE WATER SYSTEM IS
USER-FRIENDLY AND
OFFERS OPTIMAL
ACCESSIBILITY, WITH
QUICK CONNECTORS
FULLY TAILORED TO THE
USER'S NEEDS



THE BOOM FEATURES
INTELLIGENT VIBRATION
DAMPING TECHNOLOGY
AND FEM ANALYSIS, WITH
A BIONIC REINFORCED
DESIGN FOR QUICK
OPENING AND STABLE
PUMPING



THE DESIGN WITH BENDS
AND PIPES ENSURES
OPTIMAL ACCESSIBILITY
AND EASIER MAINTENANCE





VISIBILITY AND INCREASED SAFETY ON CONSTRUCTION SITES THANKS TO AN VERSATILE LIGHTING SYSTEM



GUIDE ROLLERS ENSURE OPTIMAL AND SMOOTH OPENING AND CLOSING OF THE SUPPORT LEGS



PROPORTIONALLY PILOTED
VALVE BLOCK FOR
SMOOTH CONTROL OF
MULTIPLE SECTIONS, WITH
SOFTWARE ENABLING
EASY PERSONALIZED
ADJUSTMENTS OF
MOVEMENTS



USER-FRIENDLY SOFTWARE
WITH A CLEAR DISPLAY
FOR INTUITIVE CONTROL,
ACCURATE MONITORING,
AND EFFICIENT FAULT
DETECTION



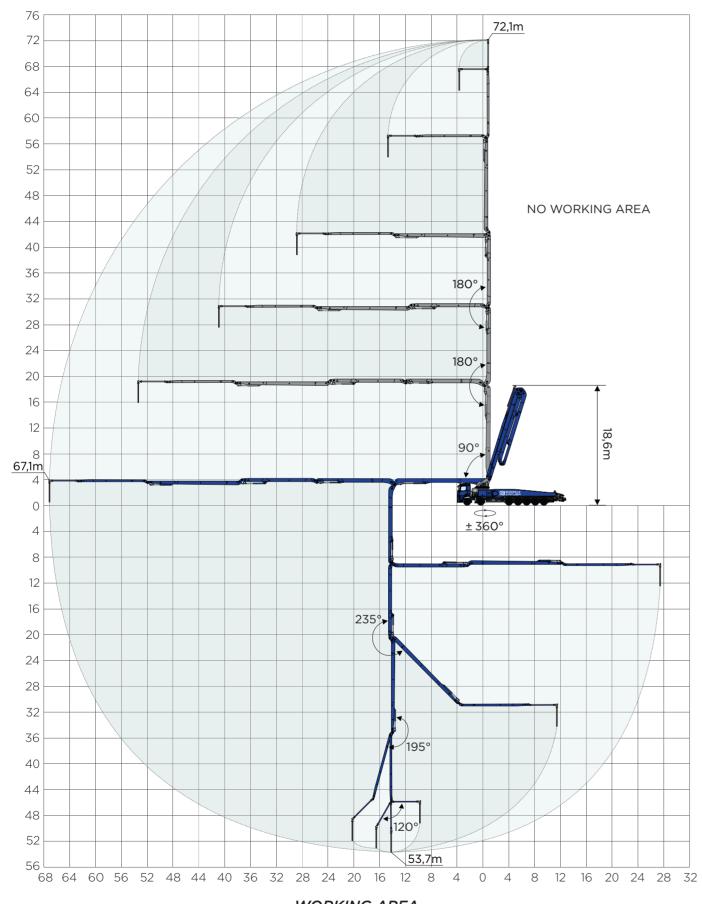


BOOM 6RZ73			
MATERIAL	HIGH-STRENGTH STRUCTURAL STEEL		
STRENGTH CALCULATION	FEM ANALYSE		
FOLDING SYSTEM	TYPE 'RZ'		
NUMBER OF SECTIONS	6		
MAX. VERTICAL RANGE	72,1 M		
MAX. HORIZONTAL RANGE	67,1 M		
MAX. DEPTH RANGE	53,7 M		
MIN. UNFOLDING HEIGHT	18,6 M		
ROTATION ANGLE	± 360°		
TURNING ANGLES	90°- 180°- 180°- 235°- 195°- 120°		
CONTROL VALVE	PROPORTIONAL		
MAX. HYDRAULIC PRESSURE	350 BAR		
PIPELINE	Ø 5" (DN 125)		
END HOSE	Ø 5" (DN 125) - 3 M		

DOUBLE-WALLED PIPELINE WITH HIGH WEAR RESISTANCE						
		INNER WALL		OUTER WALL		
воом	PIPES	INDUCTION-HARDENED HRC65	2,8 мм	2 MM		
	BENDS	CHROME CARBIDE	10 MM	3 MM		
DECK	PIPES	INDUCTION-HARDENED HRC65	3,2 MM	2,3 мм		
	BENDS	CHROME CARBIDE	10 MM	3 MM		

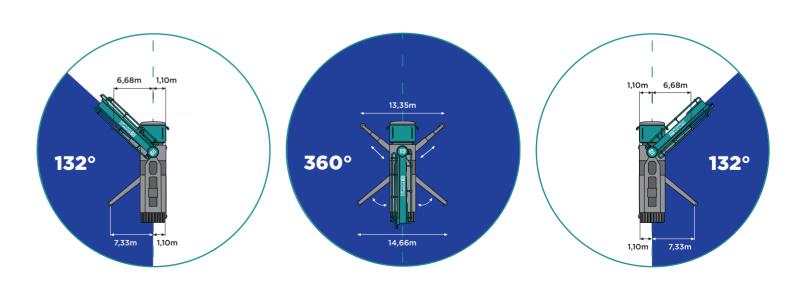


## **RZ FOLDING SYSTEM**





# STABILITY CONTROL SYSTEM







## MAIN COMPONENTS





RADIO REMOTE CONTROL 2 TRANSMITTERS + 1 RECEIVER







PROPORTIONAL HYDRAULIC BOOM DISTRIBUTION





CAN-BUS CONTROL BODAS HARDWARE CONTROLLER RC SERIES







HYDRAULIC PUMPS
TO DRIVE PUMPING UNIT

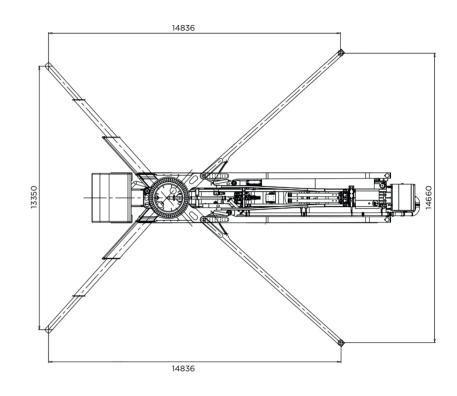


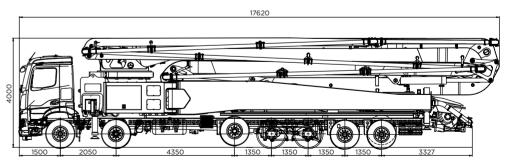
OUR PRODUCTS ARE CONSTANTLY EVOLVING, WHICH MEANS SPECIFICATIONS MAY VARY



# **TECHNICAL DIMENSIONS**

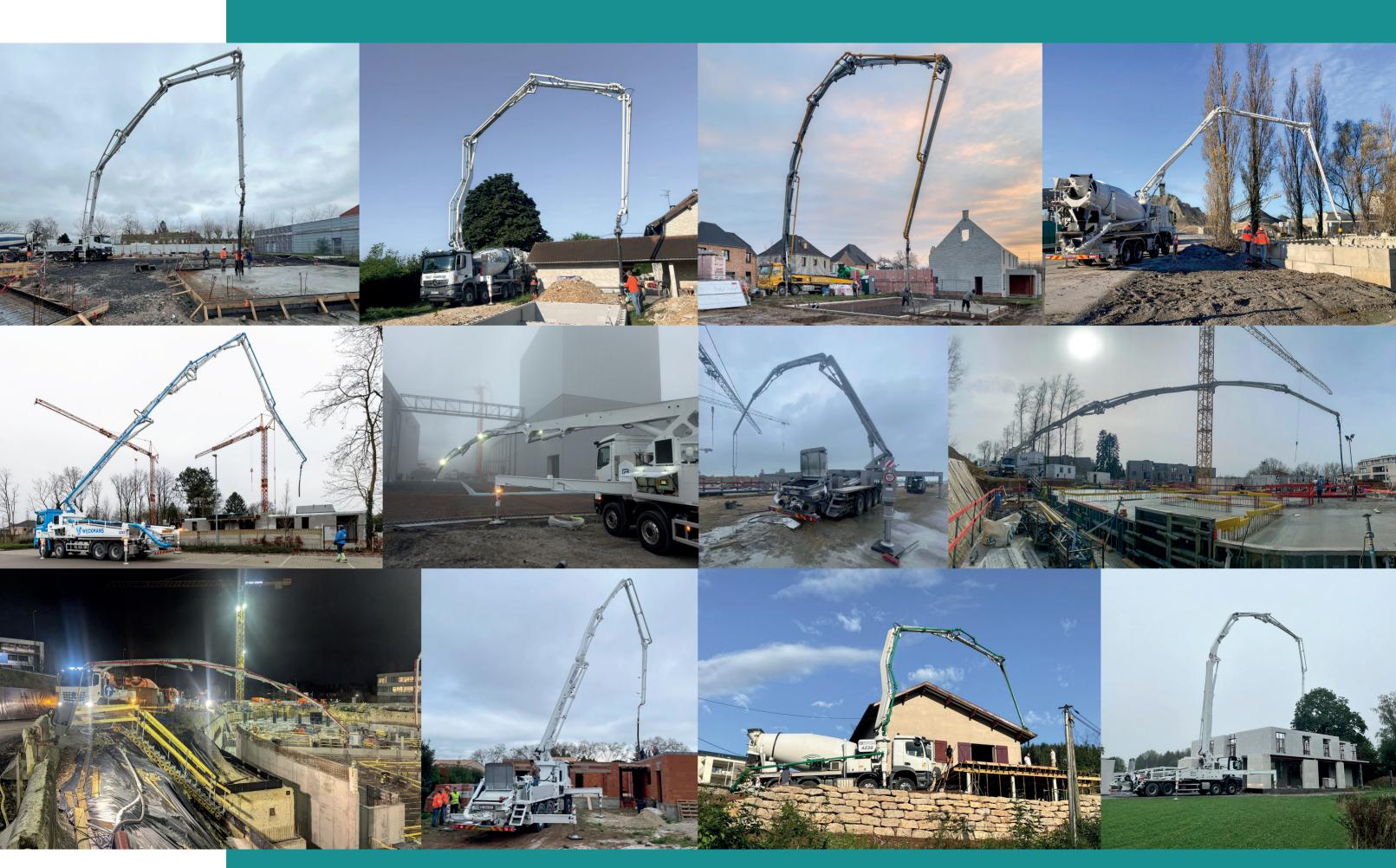






DIMENSIONS ARE INFORMATIVE AND DEPEND ON THE TRUCK COMPOSITION CHOSEN









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