

# 3Z24

BOOM LENGTH: 24 M  
CONCRETE OUTPUT: 60 M<sup>3</sup>/H  
CONCRETE PRESSURE: 75 BAR



 **BONNEUX  
XANJER**







## 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.

- ▣ 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
- ▣ 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.**





**BONNEUX**  
CONCRETE MACHINERY

**BONNEUX**  
XANJER  
3Z24



**BONNEUX**





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



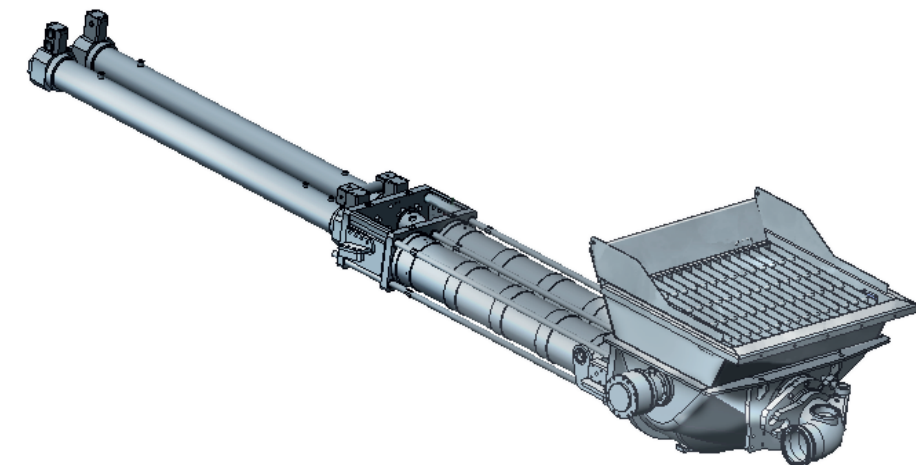
VISIBILITY AND INCREASED SAFETY ON CONSTRUCTION SITES THANKS TO AN VERSATILE LIGHTING SYSTEM

## PUMPING UNIT XJG5320

### OPEN HYDRAULIC SYSTEM

|                               |                      |
|-------------------------------|----------------------|
| MAX. CONCRETE FLOW RATE*      | 60 M <sup>3</sup> /H |
| MAX. CONCRETE PRESSURE*       | 75 BAR               |
| MAX. NUMBER OF STROKES        | 31/MIN               |
| STROKE LENGTH                 | 1000 MM              |
| DIAMETER OF CONCRETE CYLINDER | 200 MM               |
| HOPPER CAPACITY               | 500 L                |

\*THE DATA GIVEN ARE THEORETICAL VALUES AND CANNOT BE REACHED SIMULTANEOUSLY

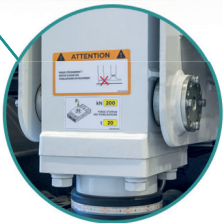


- POWERED BY PTO TRANSMISSION OF THE TRUCK
- S-VALVE MADE OF WEAR-RESISTANT STEEL
- WEAR RING AND WEAR PLATE WITH COMPENSATION SYSTEM (INLAY OF TUNGSTEN CARBIDE STEEL)
- ELECTRIC DRIVEN AND TEMPERATURE CONTROLLED OIL COOLER
- MIXING SHAFT WITH REMOVABLE BLADES (HARDOX®)
- AUTOMATIC GREASE LUBRICATION SYSTEM, HYDRAULICALLY DRIVEN
- DOUBLE WALLED EXIT BEND 5" WITH CLEANING ACCESS
- CONCRETE CYLINDER WITH HARD CHROME INNER WALL
- SIMPLE STRUCTURED, OPEN HYDRAULIC SYSTEM
- ELECTRO-HYDRAULIC CONTROLLED PUMPING UNIT
- SEPARATE CONTROL FOR PUMPING AND S-VALVE CYLINDERS SUPPORTED WITH ACCUMULATOR
- FUEL-SAVING FLOW AND SPEED CONTROL
- VARIABLE DISPLACEMENT PUMP, PRESSURE FLOW CONTROLLED





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



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

THE MIXER DRUM, WITH A GEOMETRIC VOLUME OF 12,0M<sup>3</sup>, OFFERS LARGE AMPLE LOADING CAPACITY.  
THE MIXER DRUM IS PROPORTIONALLY CONTROLLED BY A HYDRAULIC MOTOR DRIVEN BY THE TRUCKS ENGINE.  
IT CAN BE OPERATED FROM THE TRUCKS CABIN, THE CONTROL BOX, THE REMOTE OR AUTOMATICALLY IN  
COMBINATION WITH THE PUMPING UNIT.

| MIXER DRUM 8,5 M <sup>3</sup> |                     |
|-------------------------------|---------------------|
| NOMINAL CAPACITY              | 8,5 M <sup>3</sup>  |
| GEOMETRIC VOLUME              | 12,0 M <sup>3</sup> |
| ROTATION SPEED                | 0 - 15/MIN          |
| WATER COUNTER                 | 0 - 500 L           |
| MATERIAL                      | QSTE 500®           |

THE MIXER DRUM AND BLADES ARE MADE OF HIGH-QUALITY WEAR-RESISTANT STEEL QSTE500®.  
THE SPIRAL BLADE USES THE MOST ADVANCED DOUBLE CHARGE AND DISCHARGE CURVE.  
THE CAN-CONTROLLER MANAGES THE DRIVE OF THE MIXER DRUM TO GUARANTEE OPTIMAL FUNCTIONALITY.







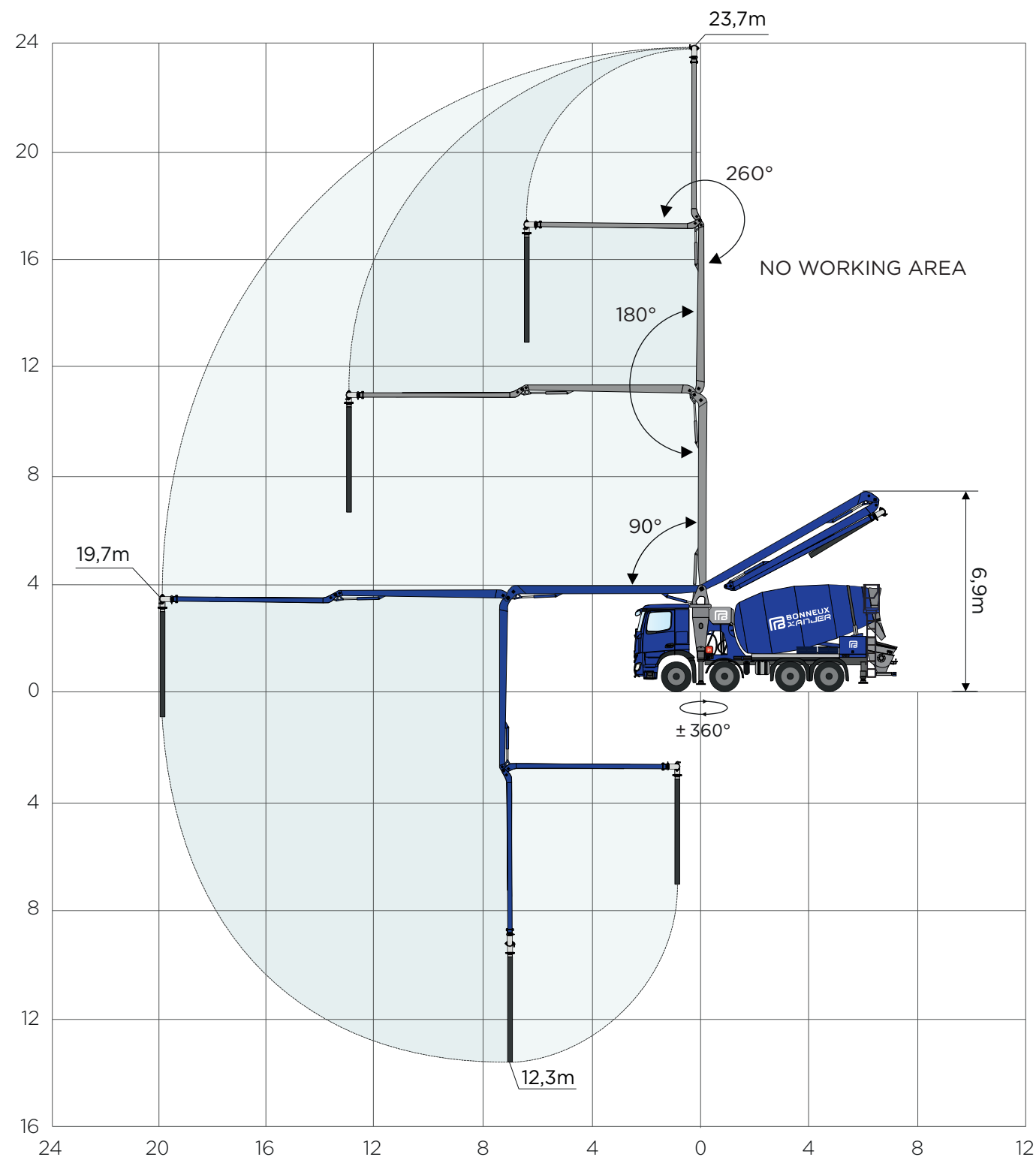
| BOOM 3Z24               |                                |
|-------------------------|--------------------------------|
| MATERIAL                | HIGH-STRENGTH STRUCTURAL STEEL |
| STRENGTH CALCULATION    | FEM ANALYSE                    |
| FOLDING SYSTEM          | TYPE 'Z'                       |
| NUMBER OF SECTIONS      | 3                              |
| MAX. VERTICAL RANGE     | 23,7 M                         |
| MAX. HORIZONTAL RANGE   | 19,7 M                         |
| MAX. DEPTH RANGE        | 12,3 M                         |
| MIN. UNFOLDING HEIGHT   | 6,9 M                          |
| ROTATION ANGLE          | ± 360°                         |
| TURNING ANGLES          | 90°- 180°- 260°                |
| CONTROL VALVE           | PROPORTIONAL                   |
| MAX. HYDRAULIC PRESSURE | 315 BAR                        |
| PIPELINE                | Ø 4" (DN 100)                  |
| END HOSE                | Ø 4" (DN 100) - 3 M            |

| SINGLE-WALLED PIPELINE WITH HIGH WEAR RESISTANCE |       |                |      |
|--------------------------------------------------|-------|----------------|------|
| 4" - 100 MM                                      |       | OUTER WALL     |      |
| BOOM                                             | PIPES | SINGLE-WALLED  | 5 MM |
|                                                  | BENDS | CHROME CARBIDE | 5 MM |
| DECK                                             | PIPES | SINGLE-WALLED  | 7 MM |
|                                                  | BENDS | CHROME CARBIDE | 8 MM |

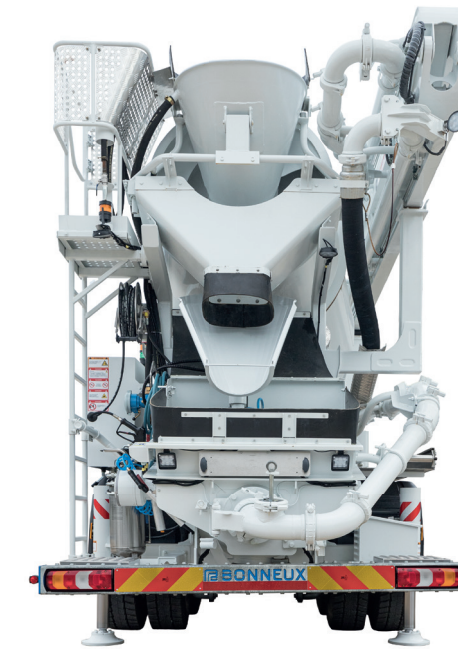


# STABILIZATION

THE STABILITY OF THE MACHINE IS GUARANTEED BY STABILIZERS EXTENDING HORIZONTALLY AT THE FRONT AND REAR, SUPPORTED BY GUIDE ROLLERS.

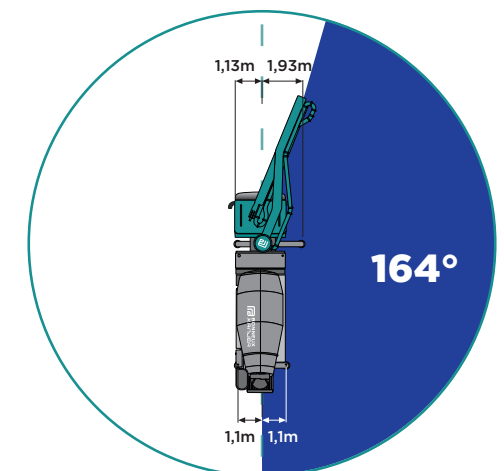
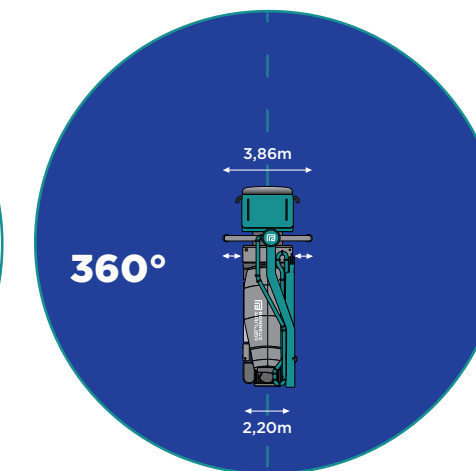
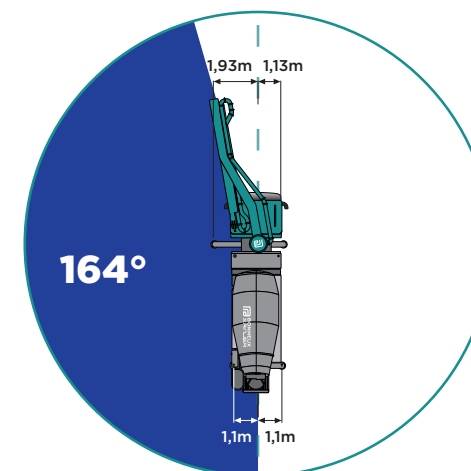


WORKING AREA



MAX. PRESSURE PER SUPPORT LEG: 20t/200kN

## STABILITY CONTROL SYSTEM





# MAIN COMPONENTS



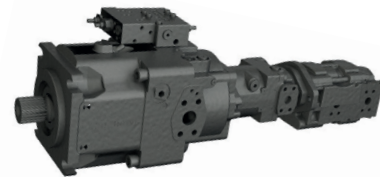
RADIO REMOTE CONTROL  
2 TRANSMITTERS + 1 RECEIVER



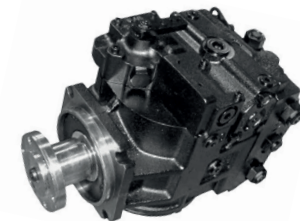
CAN-BUS CONTROL  
BODAS HARDWARE  
CONTROLLER RC-SERIES



HYDRAULIC PUMPS  
TO DRIVE PUMPING UNIT



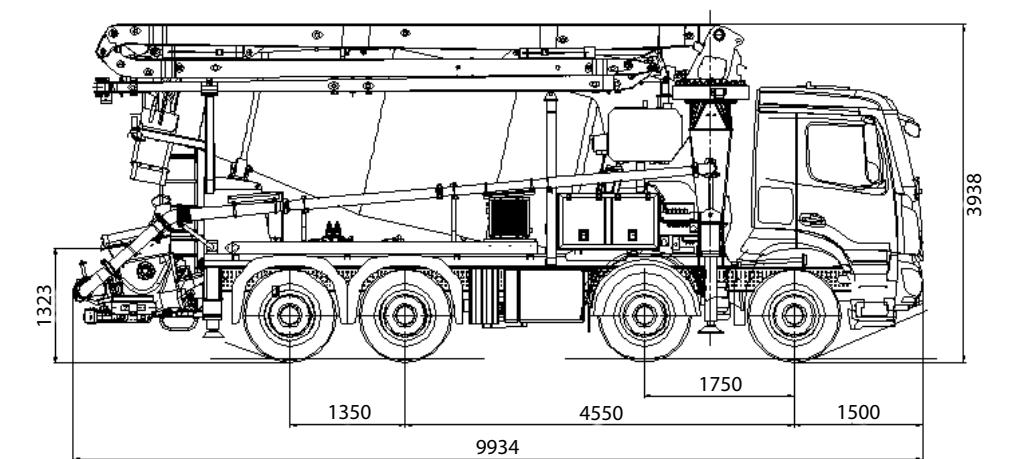
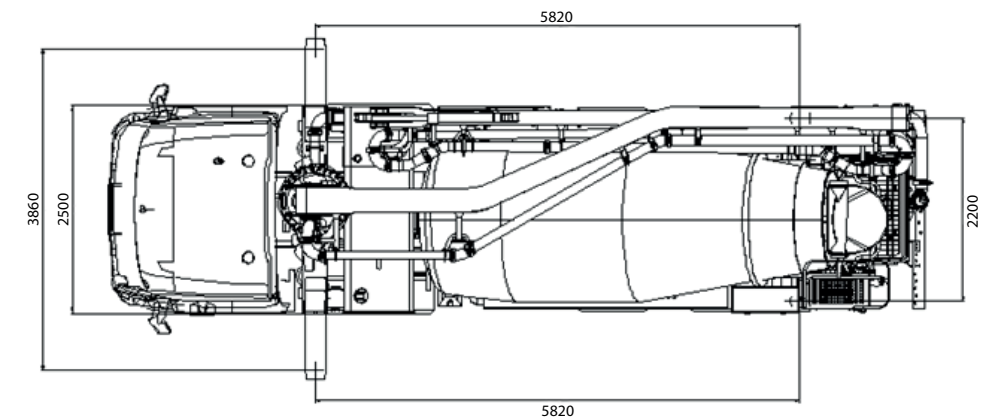
HYDRAULIC PUMPS  
TO DRIVE MIXER AND SERVICE SYSTEM



OUR PRODUCTS ARE CONSTANTLY EVOLVING, WHICH MEANS SPECIFICATIONS MAY VARY



# TECHNICAL DIMENSIONS



DIMENSIONS ARE INFORMATIVE AND DEPEND ON THE TRUCK COMPOSITION CHOSEN







Il catalogo è puramente informativo. Essendo i nostri prodotti in costante evoluzione, le informazioni incluse sono soggette a variazioni (BE-2504-ITA)



**BONNEUX**  
**XANJER**

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