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KOMAC
Technology with Passion

With great versatility and high performance

KOMAC
Technology with Passion

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KOMAC FACTORY

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KOMAC
CONCRETE PUMPS

With great versatility and high performance

KOMAC CONCRETE PUMPS

With great versatility and high performance

- KM18-3Z
- KM21-4Z
- KM25-4Z
- KM28-4Z
- KM33-4Z
- KM33-5ZR
- KM36-4R
- KM37-4Z
- KM37-5ZR
- KM40-4R
- KM40-5RZ
- KM43-5ZR
- KM47-5RZ
- KM49-5RZ
- KM52-5RZ
- KM52-6RZ
- KM56-5RZ
- KM62-6RZ

Komac is innovating the global construction industry.

COST SAVING

Open loop hydraulic circuit helps lower maintenance cost

DURABILITY

Only top quality hydraulic components are used

HIGH PERFORMANCE

Optimum design to make the boom lighter and maximize work height



CE Certificate



Certificate of D-U-N-S number



Homologation Certificate



ISO 9001

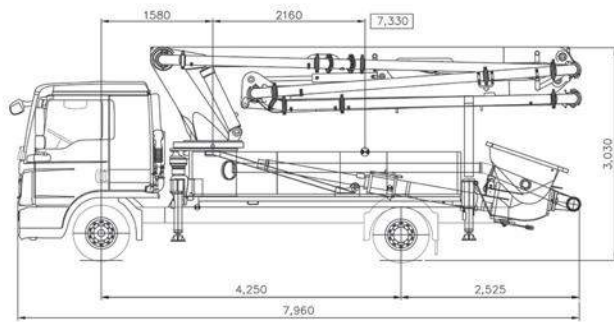


AEM Member



KM18-3Z SPECIFICATION

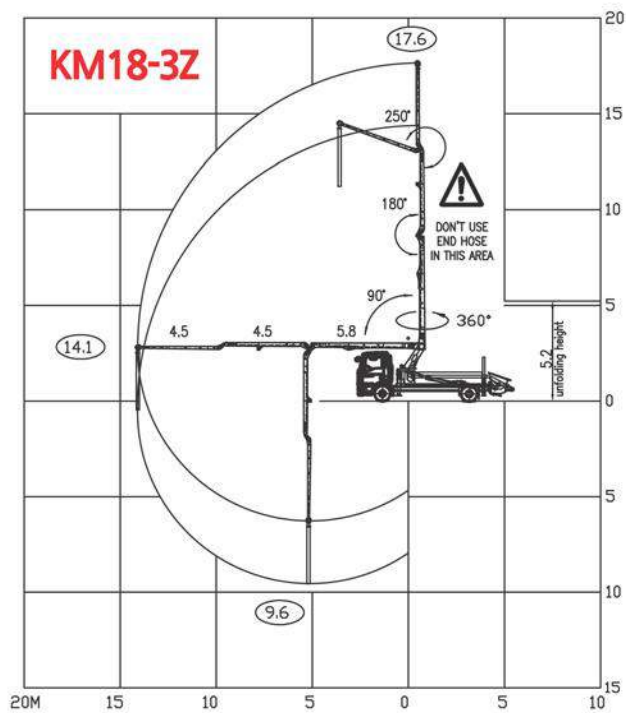
< DIMENSIONS



BOOM

| | |
|--------------------------|------------|
| Boom type | 3 Sections |
| | Z Boom |
| Vertical Reach | 17.6 m |
| Horizontal Reach | 14.1 m |
| End Hose Length | 3.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 90 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 250 degree |
| 1st Section Length | 5,800 mm |
| 2nd Section Length | 4,500 mm |
| 3rd Section Length | 4,500 mm |

< WORKING RANGE



OUTRIGGER

| | |
|----------------------|---|
| Front Outrigger Type | X-Type, Cylinder Full Spread Width 3.1 m |
| Rear Outrigger Type | T-Type, Cylinder Full Spread Width 2.6 m |

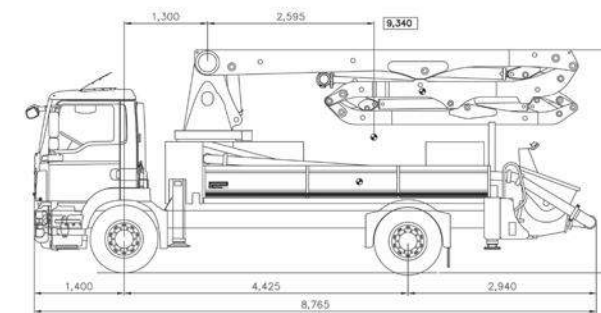
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Maximum output | 80 m³/h |
| Concrete Cylinder | Φ200 x 1200 mm |
| Stroke Per Minute | 36 No/min |
| Concrete Pressure (Rod/Piston) | 70/104 bar |
| Hopper Capacity | 400 L |
| S-Valve | 200 x 150 mm |
| Main Pump | Rexroth |



SPECIFICATION KM21-4Z

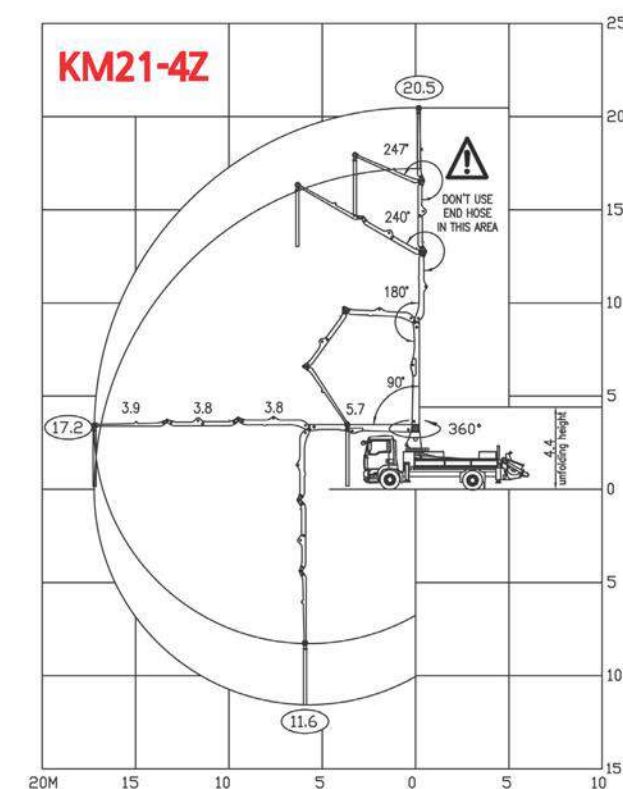
< DIMENSIONS



BOOM

| | |
|--------------------------|------------|
| Boom type | 4 Sections |
| | Z Boom |
| Vertical Reach | 20.5 m |
| Horizontal Reach | 17.2 m |
| End Hose Length | 3.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 90 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 240 degree |
| 4th Section Articulation | 247 degree |
| 1st Section Length | 5,700 mm |
| 2nd Section Length | 3,800 mm |
| 3rd Section Length | 3,800 mm |
| 4th Section Length | 3,900 mm |

< WORKING RANGE



OUTRIGGER

| | |
|----------------------|---|
| Front Outrigger Type | X-Type, Motor Full Spread Width 4.0 m |
| Rear Outrigger Type | Hydraulic Vertical Full Spread Width 2.9 m |

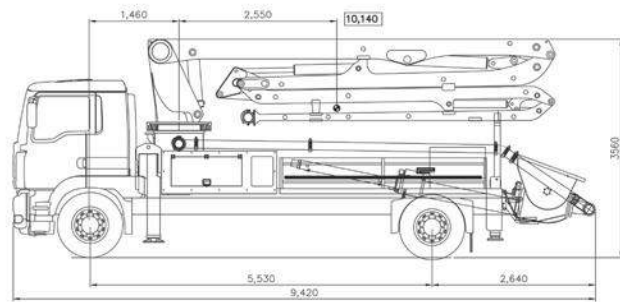
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Maximum output | 100m³/h |
| Concrete Cylinder | Φ230 x 1400 mm |
| Stroke Per Minute | 28.8 N |
| Concrete Pressure (Rod/Piston) | 53/78 bar |
| Hopper Capacity | 400 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |

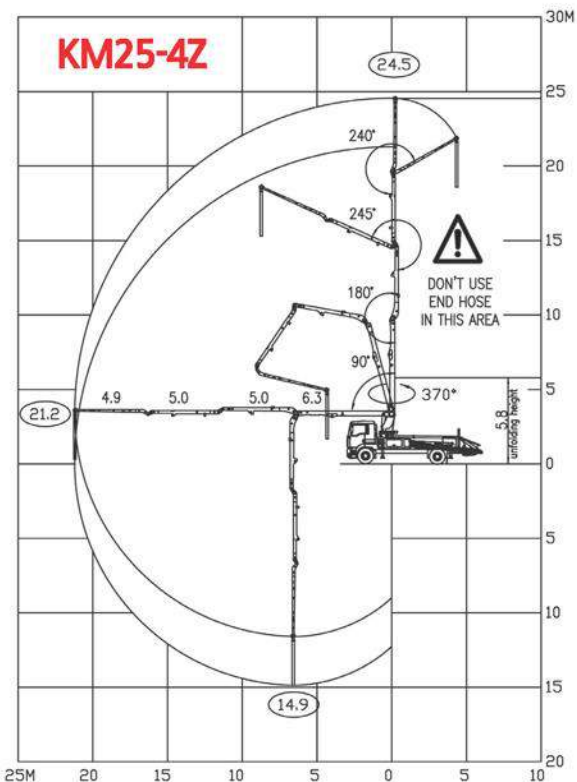


KM25-4Z SPECIFICATION

< DIMENSIONS



< WORKING RANGE



BOOM

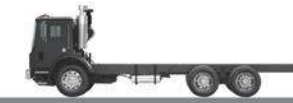
| | |
|--------------------------|------------|
| Boom type | 4 Sections |
| | Z Boom |
| Vertical Reach | 24.5 m |
| Horizontal Reach | 21.2 m |
| End Hose Length | 3.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 370 degree |
| 1st Section Articulation | 90 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 245 degree |
| 4th Section Articulation | 240 degree |
| 1st Section Length | 6,300 mm |
| 2nd Section Length | 5,000 mm |
| 3rd Section Length | 5,000 mm |
| 4th Section Length | 4,900 mm |

OUTRIGGER

| | |
|----------------------|---|
| Front Outrigger Type | X-Type, Motor Full Spread Width 6.1 m |
| Rear Outrigger Type | Hydraulic Vertical Full Spread Width 2.9 m |

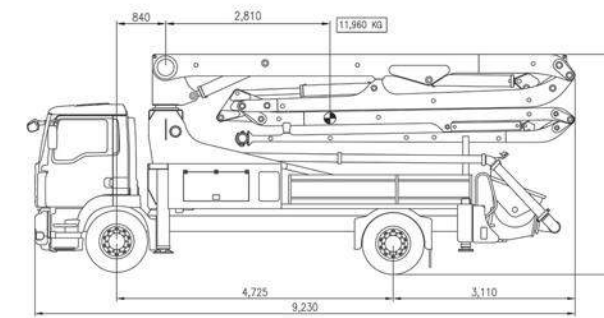
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------------|
| Maximum output | 100m ³ /h |
| Concrete Cylinder | Φ230 x 1400 mm |
| Stroke Per Minute | 28.8 No/min |
| Concrete Pressure (Rod/Piston) | 53/77 bar |
| Hopper Capacity | 400 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |

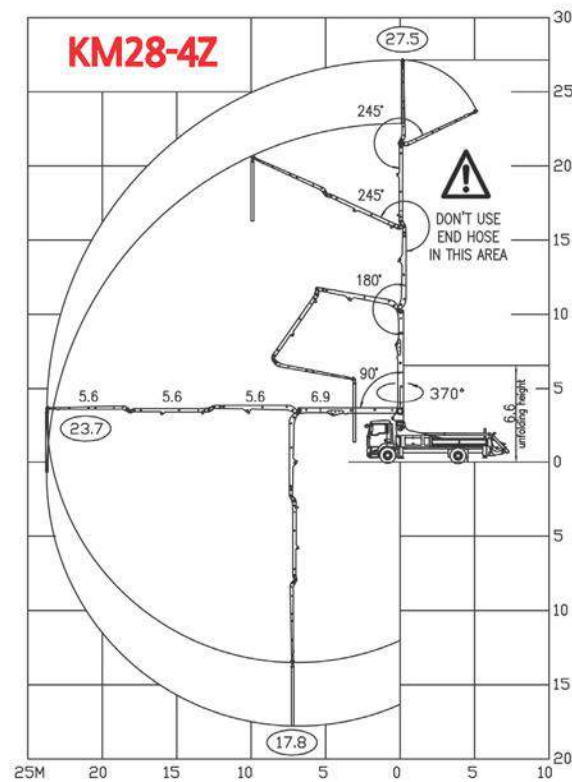


SPECIFICATION KM28-4Z

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 4 Sections |
| | Z Boom |
| Vertical Reach | 27.5 m |
| Horizontal Reach | 23.7 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 370 degree |
| 1st Section Articulation | 90 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 245 degree |
| 4th Section Articulation | 245 degree |
| 1st Section Length | 6,900 mm |
| 2nd Section Length | 5,600 mm |
| 3rd Section Length | 5,600 mm |
| 4th Section Length | 5,600 mm |

OUTRIGGER

| | |
|----------------------|---|
| Front Outrigger Type | X-Type, Motor Full Spread Width 6.1 m |
| Rear Outrigger Type | Hydraulic Vertical Full Spread Width 2.9 m |

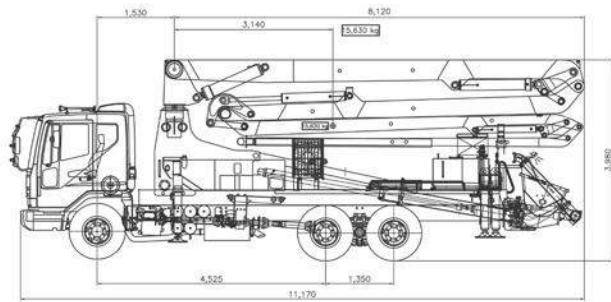
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------------|
| Maximum output | 100m ³ /h |
| Concrete Cylinder | Φ230 x 1400 mm |
| Stroke Per Minute | 28.8 No/min |
| Concrete Pressure (Rod/Piston) | 53/79 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |

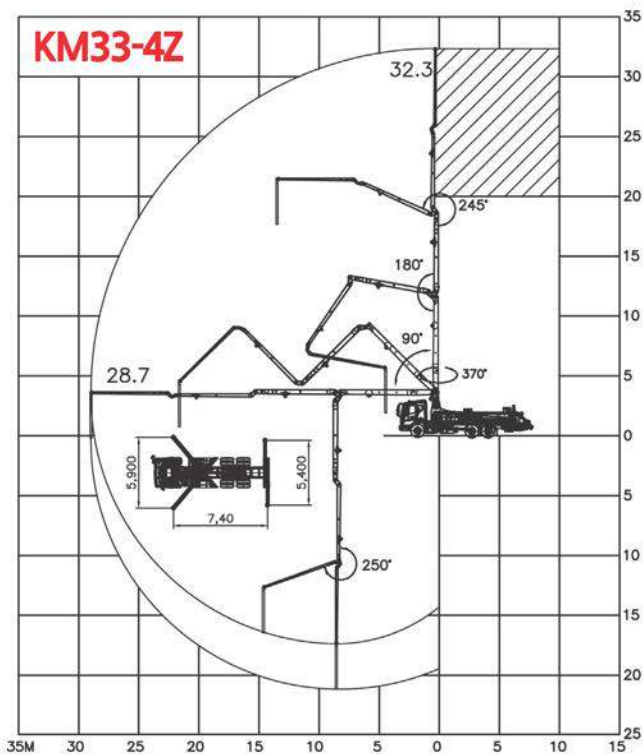


KM33-4Z SPECIFICATION

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 4 Sections |
| | Z Boom |
| Vertical Reach | 32.2 m |
| Horizontal Reach | 28.7 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 370 degree |
| 1st Section Articulation | 90 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 245 degree |
| 4th Section Articulation | 250 degree |
| 1st Section Length | 8,000 mm |
| 2nd Section Length | 7,000 mm |
| 3rd Section Length | 7,000 mm |
| 4th Section Length | 6,700 mm |

OUTRIGGER

| | |
|----------------------|--|
| Front Outrigger Type | X-Type, Motor Full Spread Width 5.9 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 5.4 m |

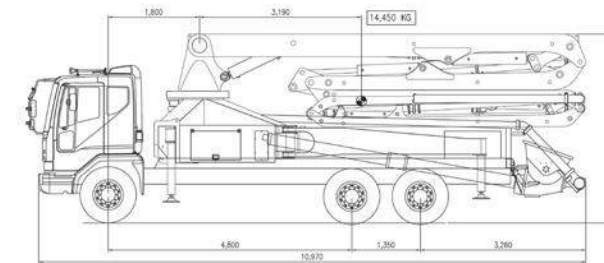
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Maximum output | 156m³/h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 29.7 No/min |
| Concrete Pressure (Rod/Piston) | 68/110 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |

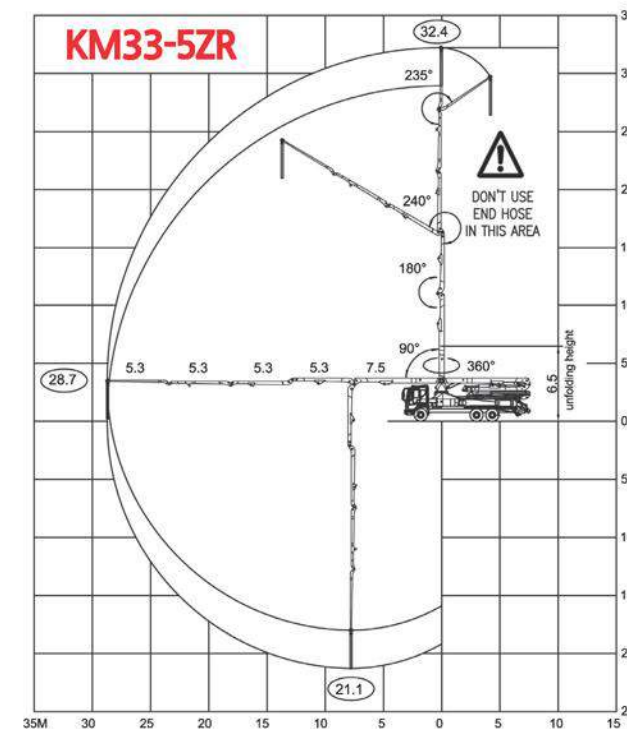


SPECIFICATION KM33-5ZR

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 5 Sections |
| | ZR Boom |
| Vertical Reach | 32.4 m |
| Horizontal Reach | 28.7 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 90 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 240 degree |
| 4th Section Articulation | 180 degree |
| 5th Section Articulation | 235 degree |
| 1st Section Length | 7,500 mm |
| 2nd Section Length | 5,300 mm |
| 3rd Section Length | 5,300 mm |
| 4th Section Length | 5,300 mm |
| 5th Section Length | 5,300 mm |

OUTRIGGER

| | |
|----------------------|--|
| Front Outrigger Type | X-Type, Motor Full Spread Width 6.0 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 6.5 m |

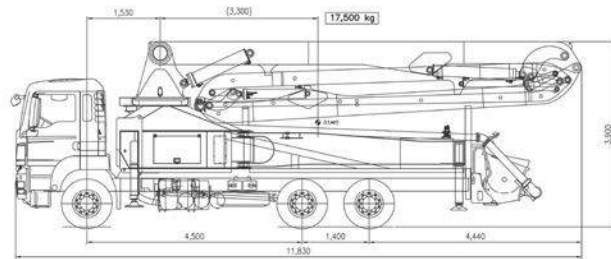
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Maximum output | 156m³/h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 29.7 No/min |
| Concrete Pressure (Rod/Piston) | 68/110 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |

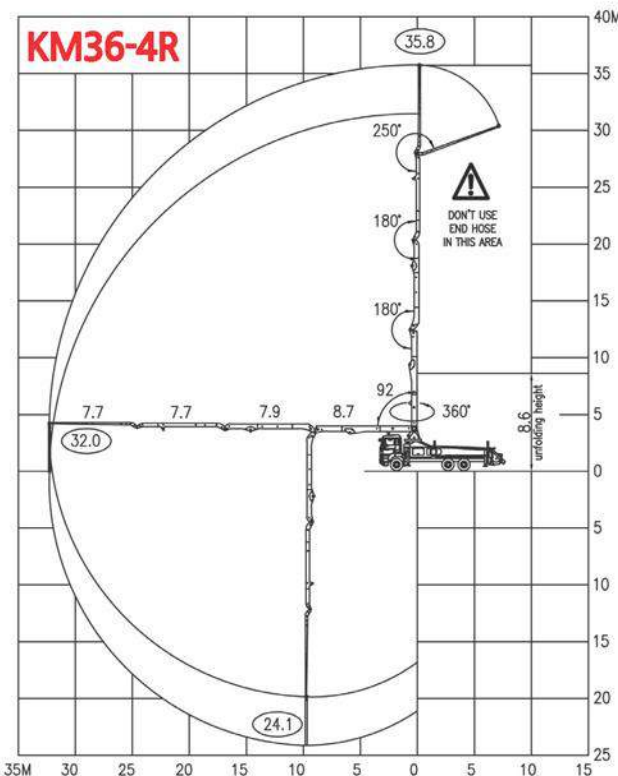


KM36-4R SPECIFICATION

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 4 Sections |
| | Z Boom |
| Vertical Reach | 35.8 m |
| Horizontal Reach | 32 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 92 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 180 degree |
| 4th Section Articulation | 250 degree |
| 1st Section Length | 8,700 mm |
| 2nd Section Length | 7,900 mm |
| 3rd Section Length | 7,700 mm |
| 4th Section Length | 7,690 mm |

OUTRIGGER

| | |
|----------------------|--|
| Front Outrigger Type | X-Type, Motor Full Spread Width 6.2 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 7.8 m |

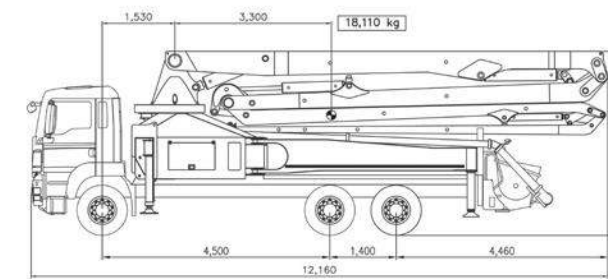
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------------|
| Maximum output | 156m ³ /h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 29.7 No/min |
| Concrete Pressure (Rod/Piston) | 68/110 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |

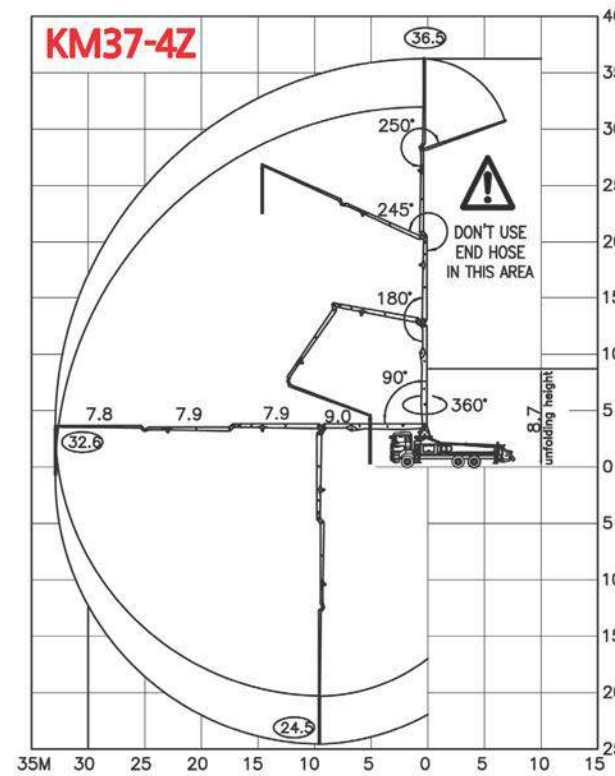


SPECIFICATION KM37-4Z

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 4 Sections |
| | Z Boom |
| Vertical Reach | 36.5 m |
| Horizontal Reach | 32.6 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 90 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 245 degree |
| 4th Section Articulation | 250 degree |
| 1st Section Length | 9,000 mm |
| 2nd Section Length | 7,880 mm |
| 3rd Section Length | 7,880 mm |
| 4th Section Length | 7,840 mm |

OUTRIGGER

| | |
|----------------------|--|
| Front Outrigger Type | X-Type, Motor Full Spread Width 6.2 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 7.8 m |

PUMP SPECIFICATIONS

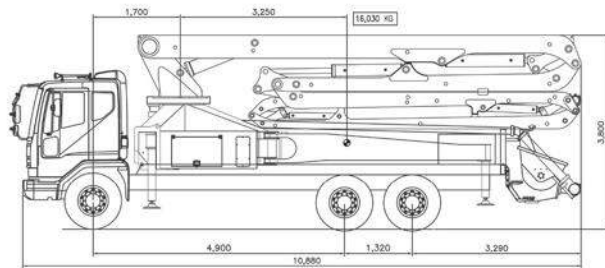
| | |
|--------------------------------|----------------------|
| Maximum output | 156m ³ /h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 29.7 No/min |
| Concrete Pressure (Rod/Piston) | 68/110 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |



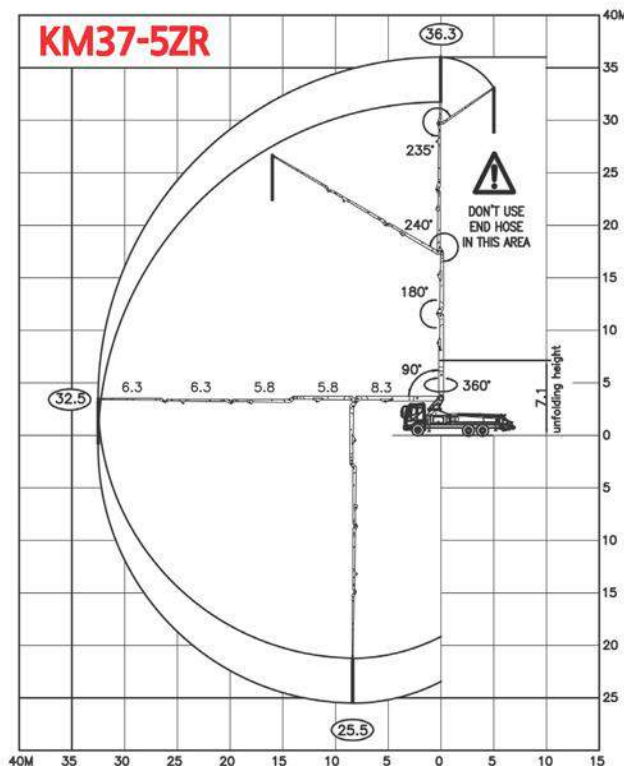
KM37-5ZR SPECIFICATION

SPECIFICATION KM40-4R

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 5 Sections |
| | ZR Boom |
| Vertical Reach | 36.3 m |
| Horizontal Reach | 32.5 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 90 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 240 degree |
| 4th Section Articulation | 235 degree |
| 5th Section Articulation | 180 degree |
| 1st Section Length | 8,300 mm |
| 2nd Section Length | 5,800 mm |
| 3rd Section Length | 5,800 mm |
| 4th Section Length | 6,300 mm |
| 5th Section Length | 6,300 mm |

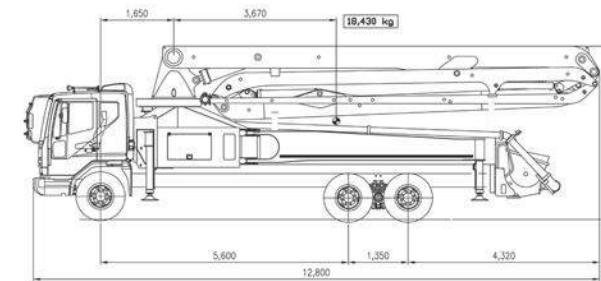
OUTRIGGER

| | |
|----------------------|--|
| Front Outrigger Type | X-Type, Motor Full Spread Width 6.0 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 7.5 m |

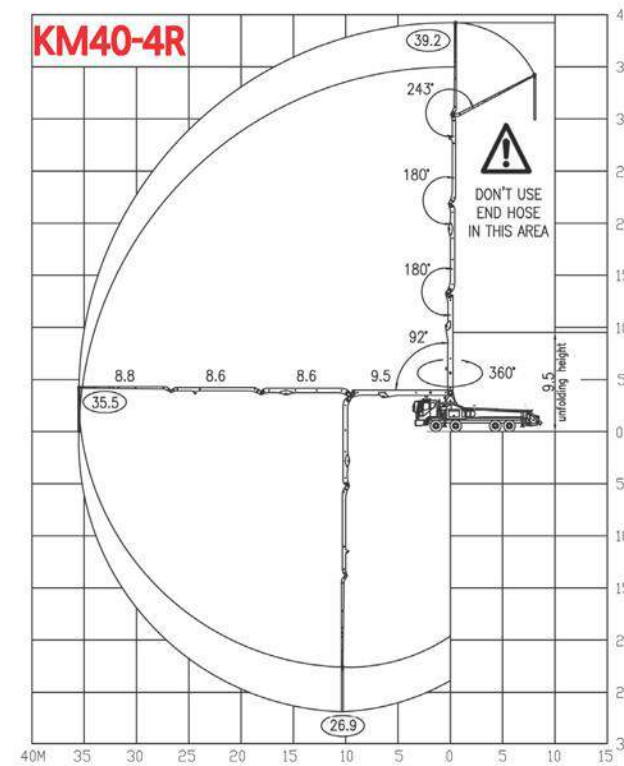
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Maximum output | 156m³/h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 29.7 No/min |
| Concrete Pressure (Rod/Piston) | 68/110 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 4 Sections |
| | R Boom |
| Vertical Reach | 39.2 m |
| Horizontal Reach | 35.5 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 92 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 180 degree |
| 4th Section Articulation | 243 degree |
| 1st Section Length | 9,500 mm |
| 2nd Section Length | 8,600 mm |
| 3rd Section Length | 8,600 mm |
| 4th Section Length | 8,790 mm |

OUTRIGGER

| | |
|----------------------|--|
| Front Outrigger Type | X-Type, Motor Full Spread Width 6.2 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 8.6 m |

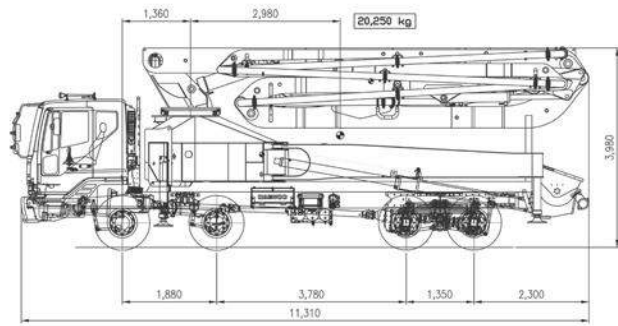
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Maximum output | 156m³/h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 29.7 No/min |
| Concrete Pressure (Rod/Piston) | 68/110 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |

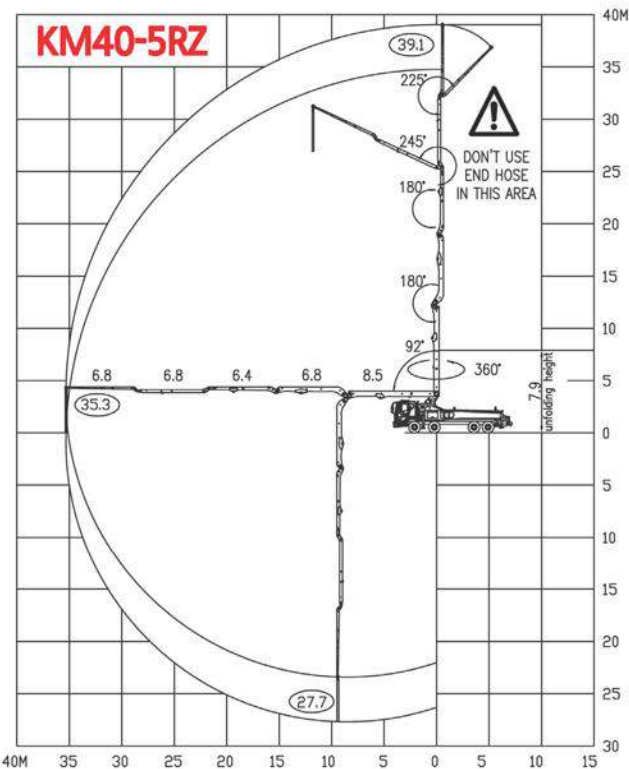


KM40-5RZ SPECIFICATION

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 5 Sections |
| | RZ Boom |
| Vertical Reach | 36.3 m |
| Horizontal Reach | 32.5 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 92 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 180 degree |
| 4th Section Articulation | 245 degree |
| 5th Section Articulation | 225 degree |
| 1st Section Length | 8,500 mm |
| 2nd Section Length | 6,800 mm |
| 3rd Section Length | 6,400 mm |
| 4th Section Length | 6,800 mm |
| 5th Section Length | 6,800 mm |

OUTRIGGER

| | |
|----------------------|--|
| Front Outrigger Type | X-Type, Motor Full Spread Width 6.2 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 9.2 m |

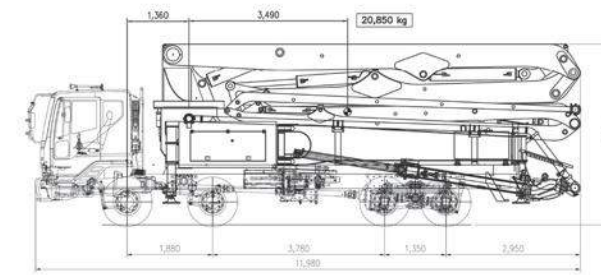
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Maximum output | 156 m³/h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 29.7 No/min |
| Concrete Pressure (Rod/Piston) | 68/110 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |

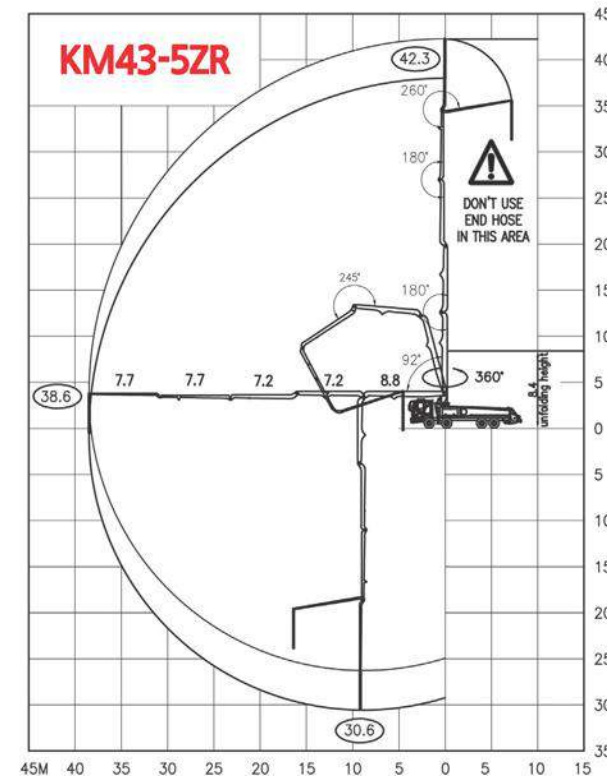


SPECIFICATION KM43-5ZR

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 5 Sections |
| | ZR Boom |
| Vertical Reach | 42.3 m |
| Horizontal Reach | 38.6 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 92 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 245 degree |
| 4th Section Articulation | 180 degree |
| 5th Section Articulation | 260 degree |
| 1st Section Length | 8,800 mm |
| 2nd Section Length | 7,200 mm |
| 3rd Section Length | 7,200 mm |
| 4th Section Length | 7,650 mm |
| 5th Section Length | 7,650 mm |

OUTRIGGER

| | |
|----------------------|--|
| Front Outrigger Type | X-Type, Motor Full Spread Width 8.0 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 9.0 m |

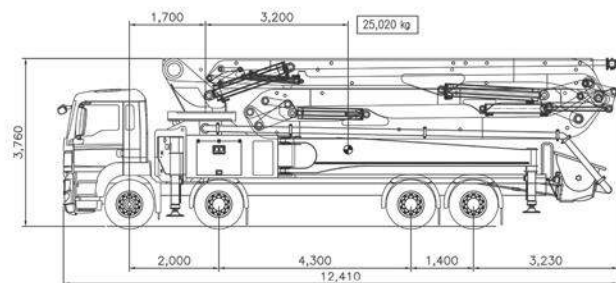
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Maximum output | 156 m³/h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 29.7 No/min |
| Concrete Pressure (Rod/Piston) | 68/110 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |

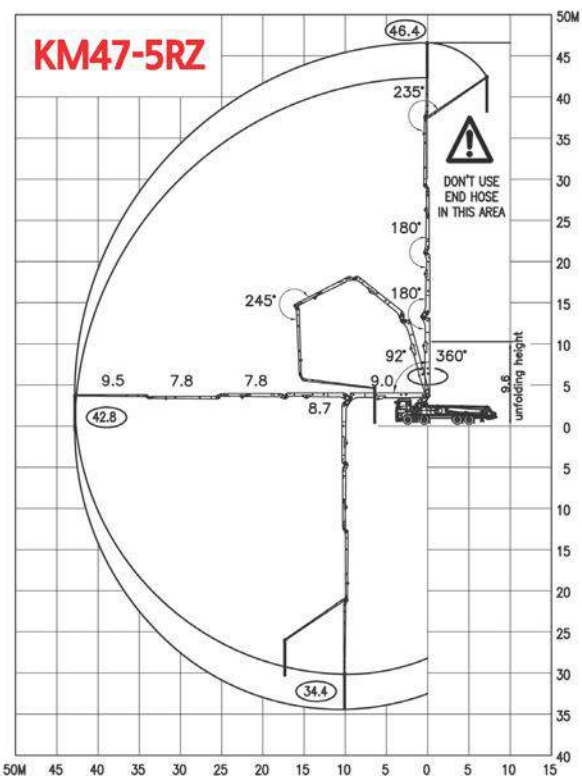


KM47-5RZ SPECIFICATION

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 5 Sections |
| | RZ Boom |
| Vertical Reach | 46.4 m |
| Horizontal Reach | 42.8 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 92 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 180 degree |
| 4th Section Articulation | 245 degree |
| 5th Section Articulation | 235 degree |
| 1st Section Length | 9,000 mm |
| 2nd Section Length | 8,700 mm |
| 3rd Section Length | 7,800 mm |
| 4th Section Length | 7,800 mm |
| 5th Section Length | 9,500 mm |

OUTRIGGER

| | |
|----------------------|---|
| Front Outrigger Type | X-Type, Motor + Cylinder Full Spread Width 8.4 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 9.4 m |

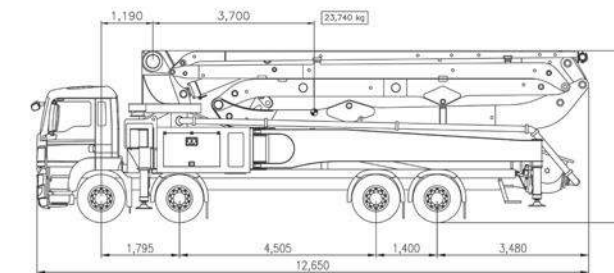
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Maximum output | 156 m³/h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 29.7 No/min |
| Concrete Pressure (Rod/Piston) | 68/110 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |

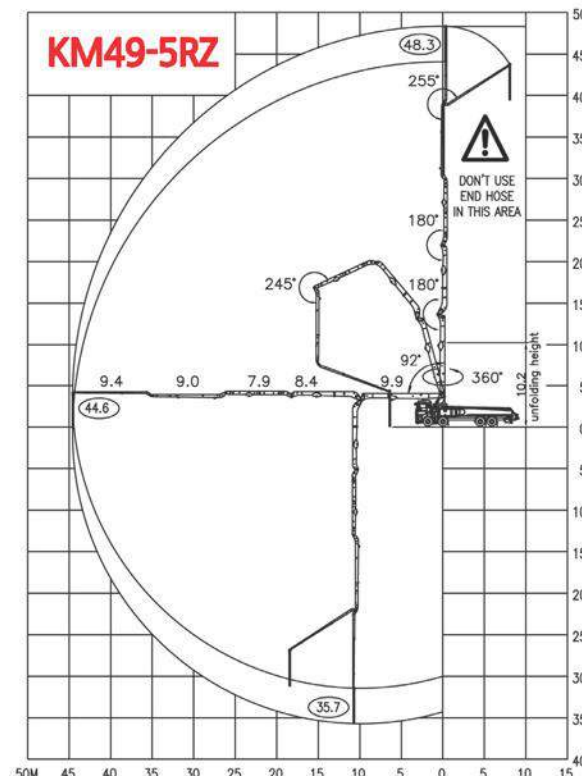


SPECIFICATION KM49-5RZ

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 5 Sections |
| | RZ Boom |
| Vertical Reach | 48.3 m |
| Horizontal Reach | 44.6 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 92 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 180 degree |
| 4th Section Articulation | 245 degree |
| 5th Section Articulation | 255 degree |
| 1st Section Length | 9,850 mm |
| 2nd Section Length | 8,350 mm |
| 3rd Section Length | 7,950 mm |
| 4th Section Length | 9,000 mm |
| 5th Section Length | 9,400 mm |

OUTRIGGER

| | |
|----------------------|---|
| Front Outrigger Type | X-Type, Motor Full Spread Width 9.1 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 12 m |

PUMP SPECIFICATIONS

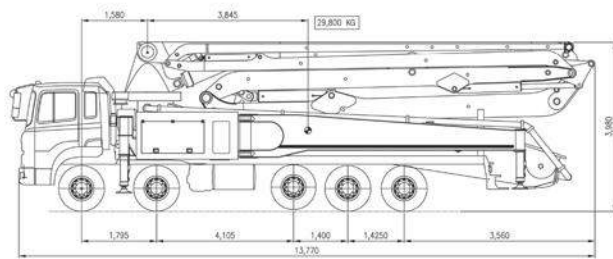
| | |
|--------------------------------|----------------|
| Maximum output | 156 m³/h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 29.7 No/min |
| Concrete Pressure (Rod/Piston) | 68/110 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |



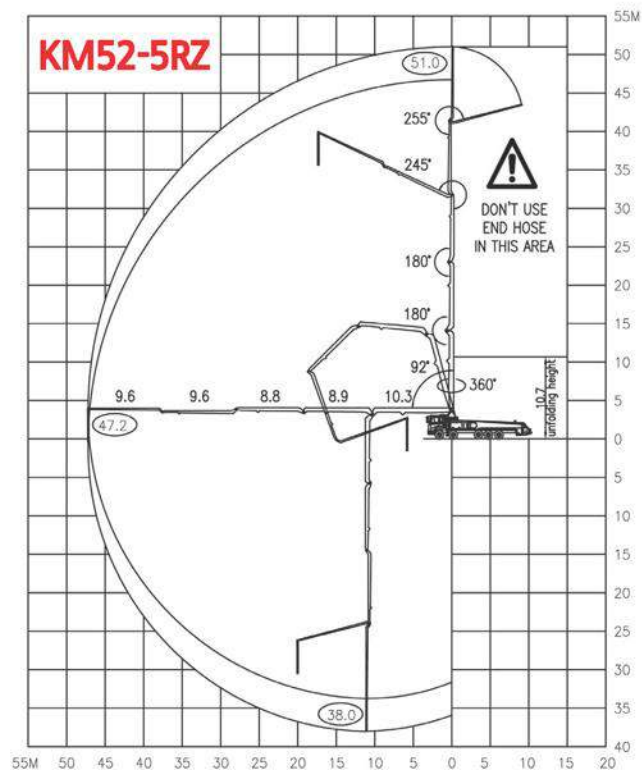
KM52-5RZ SPECIFICATION

SPECIFICATION KM52-6RZ

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 5 Sections |
| | RZ Boom |
| Vertical Reach | 51 m |
| Horizontal Reach | 47.2 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 92 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 180 degree |
| 4th Section Articulation | 245 degree |
| 5th Section Articulation | 255 degree |
| 1st Section Length | 10,300 mm |
| 2nd Section Length | 8,900 mm |
| 3rd Section Length | 8,800 mm |
| 4th Section Length | 9,600 mm |
| 5th Section Length | 9,600 mm |

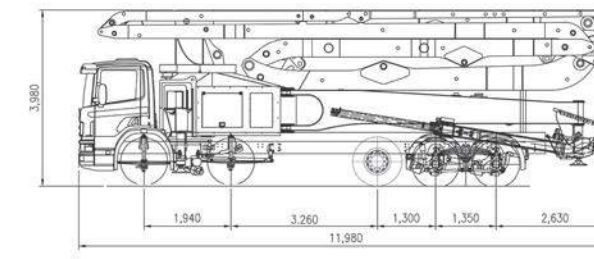
OUTRIGGER

| | |
|----------------------|---|
| Front Outrigger Type | X-Type, Motor Full Spread Width 9 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 12.1 m |

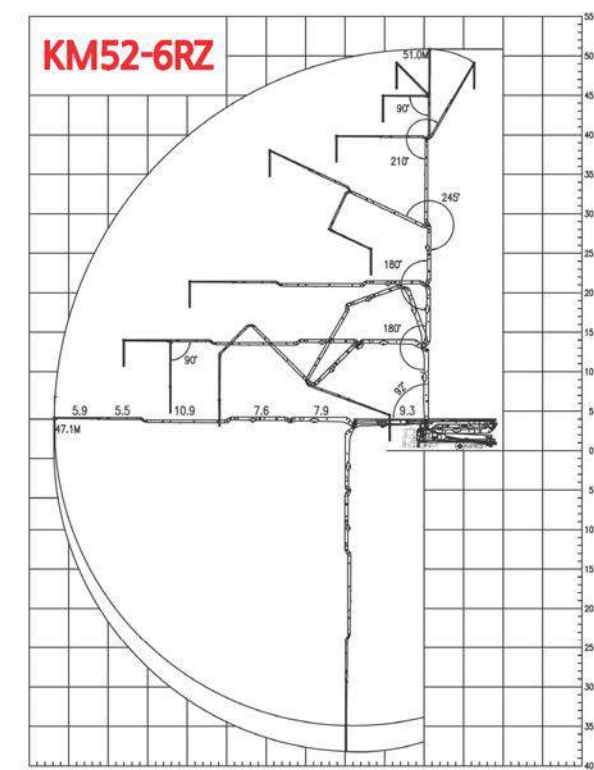
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Maximum output | 156 m³/h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 29.7 No/min |
| Concrete Pressure (Rod/Piston) | 68/110 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 6 Sections |
| | RZ Boom |
| Vertical Reach | 50.8 m |
| Horizontal Reach | 47.1 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 92 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 180 degree |
| 4th Section Articulation | 245 degree |
| 5th Section Articulation | 210 degree |
| 6th Section Articulation | 90 degree |
| 1st Section Length | 9,300 mm |
| 2nd Section Length | 7,900 mm |
| 3rd Section Length | 7,600 mm |
| 4th Section Length | 10,900 mm |
| 5th Section Length | 5,500 mm |
| 6th Section Length | 5,900 mm |

OUTRIGGER

| | |
|----------------------|---|
| Front Outrigger Type | X-Type, Motor Full Spread Width 10.5 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 10.4 m |

PUMP SPECIFICATIONS

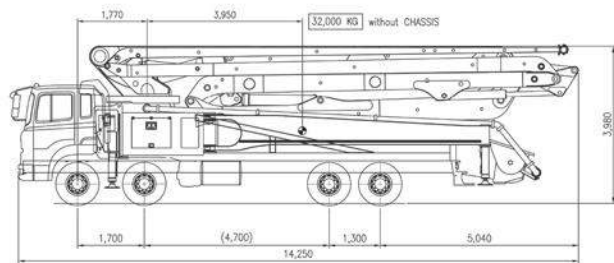
| | |
|--------------------------------|----------------|
| Maximum output | 156 m³/h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 29.7 No/min |
| Concrete Pressure (Rod/Piston) | 68/110 bar |
| Hopper Capacity | 600 L |
| S-Valve | 200 x 180 mm |
| Main Pump | Rexroth |



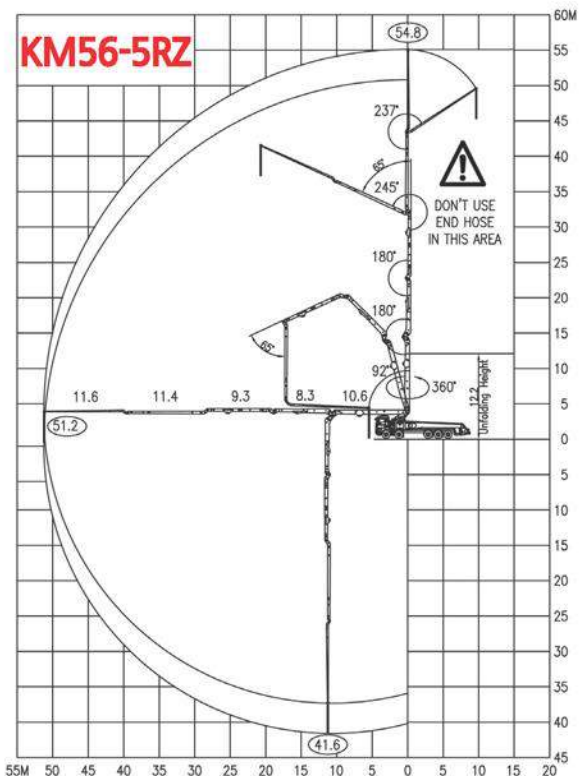
KM56-5RZ SPECIFICATION

SPECIFICATION KM62-6RZ

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 5 Sections |
| | RZ Boom |
| Vertical Reach | 54.8 m |
| Horizontal Reach | 51.2 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 92 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 180 degree |
| 4th Section Articulation | 245 degree |
| 5th Section Articulation | 237 degree |
| 1st Section Length | 10,600 mm |
| 2nd Section Length | 8,300 mm |
| 3rd Section Length | 9,300 mm |
| 4th Section Length | 11,400 mm |
| 5th Section Length | 11,600 mm |

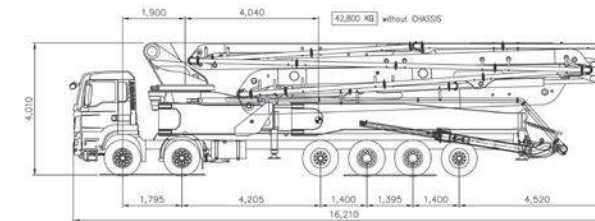
OUTRIGGER

| | |
|----------------------|---|
| Front Outrigger Type | X-Type, Motor Full Spread Width 9.3 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 12.8 m |

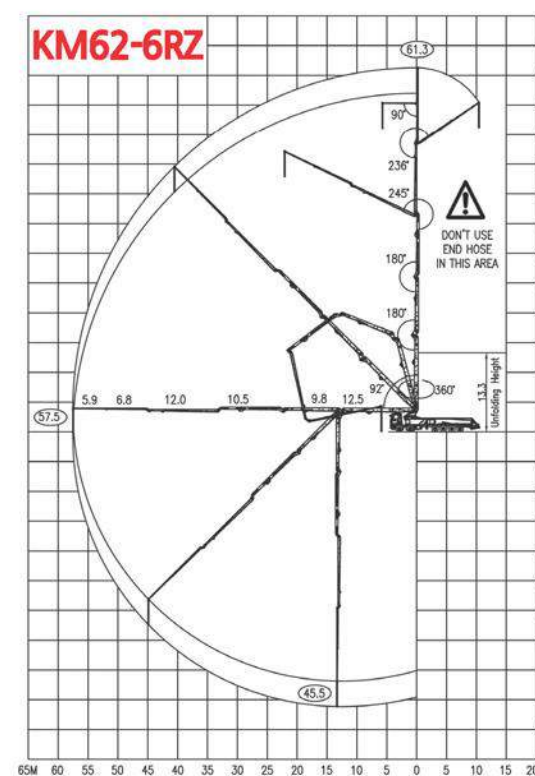
PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Maximum output | 181 m³/h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 34.6 No/min |
| Concrete Pressure (Rod/Piston) | 86/127 bar |
| Hopper Capacity | 600 L |
| S-Valve | 230 x 180 mm |
| Main Pump | Rexroth |

< DIMENSIONS



< WORKING RANGE



BOOM

| | |
|--------------------------|------------|
| Boom type | 6 Sections |
| | RZ Boom |
| Vertical Reach | 61.8 m |
| Horizontal Reach | 57.5 m |
| End Hose Length | 4.0 m |
| Delivery Pipe Diameter | 125 mm |
| Slewing Range | 360 degree |
| 1st Section Articulation | 92 degree |
| 2nd Section Articulation | 180 degree |
| 3rd Section Articulation | 180 degree |
| 4th Section Articulation | 245 degree |
| 5th Section Articulation | 236 degree |
| 6th Section Articulation | 90 degree |
| 1st Section Length | 12,500 mm |
| 2nd Section Length | 9,800 mm |
| 3rd Section Length | 10,500 mm |
| 4th Section Length | 12,000 mm |
| 5th Section Length | 6,800 mm |
| 6th Section Length | 5,900 mm |

OUTRIGGER

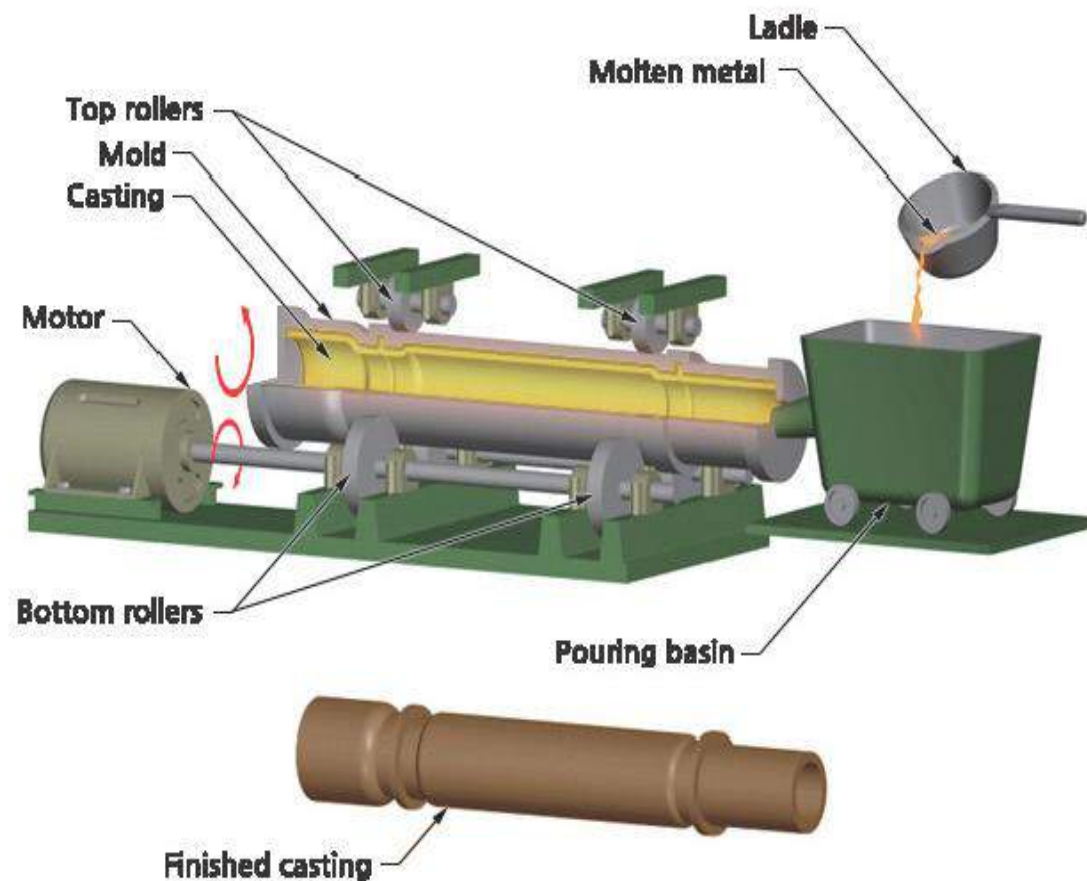
| | |
|----------------------|---|
| Front Outrigger Type | X-Type, Motor Full Spread Width 12 m |
| Rear Outrigger Type | Hydraulic Swing Full Spread Width 13.2 m |

PUMP SPECIFICATIONS

| | |
|--------------------------------|----------------|
| Maximum output | 181 m³/h |
| Concrete Cylinder | Φ230 x 2100 mm |
| Stroke Per Minute | 34.6 No/min |
| Concrete Pressure (Rod/Piston) | 86/127 bar |
| Hopper Capacity | 600 L |
| S-Valve | 230 x 180 mm |
| Main Pump | Rexroth |

Centrifugal Casting

This process can be categorized as similar to that of permanent mold method. Here as the molten metal is being poured, a permanent metal mold revolves about its axis at high speeds ranging from 300 to 3000 rpm. This can be in horizontal, vertical or inclined positions. As a result, the molten metal is centrifugally thrown towards the inside mold wall. There it solidifies after cooling. It's usually a fine grain casting with a very fine-grained outer diameter.



Molds for centrifugal castings can be divided into three types.

The Permanent Mold : Made of steel, iron or graphite. Inside surface is coated with a thin refractory wash to increase mold life. The mold is preheated before coating, so as to dry the coating and improve the adherence to the mold surface.

Rammed Mold : It consists of a steel metal flask, lined with a layer of refractory molding mix. The inside lining is coated with a refractory wash which is baked until dry and hard.

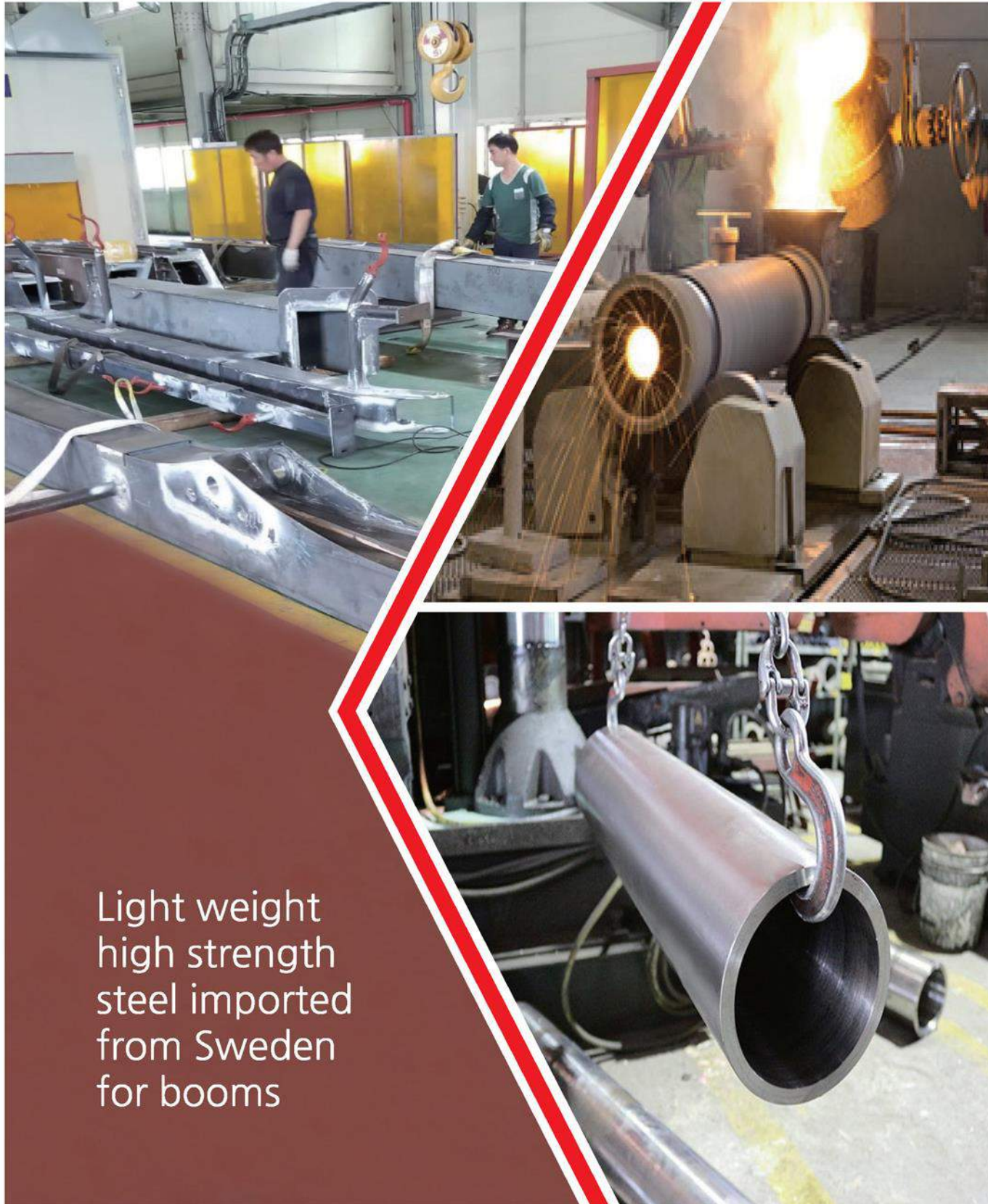
Spun or Centrifugally Cast Mold : In the metal flask a predetermined mass of refractory material in slurry form is poured. The flask on rotation makes the refractory materials centrifuged onto the wall of the flask. The rotation is stopped and the liquid portion of the slurry drained off. It leaves the mold with a refractory coating, to be baked until dry before use.

< Features of Centrifugal Casting

- * Castings can be made in almost any length, thickness and diameter
- * Different wall thicknesses can be produced from the same size mold.
- * Eliminates the need for cores.
- * Resistant to atmospheric corrosion, a typical situation with pipes.
- * Mechanical properties of centrifugal castings are excellent.
- * Only cylindrical shapes can be produced with this process.
- * Size limits are upto 3 m (10 feet) diameter and 15 m (50 feet) length.
- * Wall thickness range from 2.5 mm to 125 mm (0.1 - 5.0 in).
- * Tolerance limit: on the OD can be 2.5 mm (0.1 in) on the ID can be 3.8 mm (0.15 in).
- * Surface finish ranges from 2.5 mm to 12.5 mm (0.1 - 0.5 in) rms.

< Applications of Centrifugal Casting:

Typical materials that can be cast with this process are iron, steel, stainless steels and alloys of aluminum, copper and nickel. Two materials can be cast by introducing a second material during the process. Typical parts made by this process are pipes, boilers, pressure vessels, flywheels, cylinder liners and other parts that are axi - symmetric.



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for booms



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