



POMPAGE DE BÉTON

TPG

RÉFÉRENCES TECHNIQUES



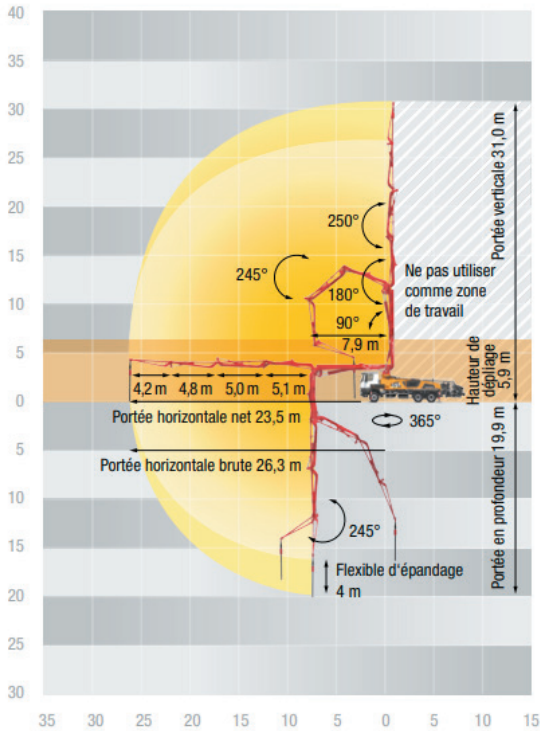
TABLEAU DE RÉFÉRENCES

	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR- AVANT	POID APPLIQUÉ STABILISATEUR- ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
PUTZMEISTER 31Z	5.5m / 18'	7m / 23'	210 kN (47210 lbf)	210 kN (47210 lbf)	6.3m / 20'8"	30.5m / 100'1"	26.3m / 86'3"	23.5m / 78'	2.8m / 9'2"	5.7m / 18'7"
ALLIANCE 32ZZ	6.3m / 20'6"	5.8m / 19'	165 kN (37100 lbf)	165 kN (37100 lbf)	7m / 23'	31.4m / 103'	27.4m / 89'9"	25.0 m / 82'	2.4m / 7'9"	5.97m / 19'6"
PUTZMEISTER 32Z	5.5m / 18'	6.8m / 22'4"	140 kN (31473 lbf)	155 kN (34845 lbf)	6.4m / 21'	32.3m / 106'	27.7m / 91'10"	25.5m / 83'8"	2.2m / 7'2"	7.3m / 24'11"
PUTZMEISTER 33Z	5.5m / 18'	7m / 23'	210 kN (47210 lbf)	210 kN (47210 lbf)	6.8m / 22'3"	32.1m / 105'3"	27.8m / 91'2"	25.1m / 82'3"	2.7m / 8'9"	7.6m / 24'9"
PUTZMEISTER 38Z	6.3m / 20'8"	7.3m / 23'11"	195 kN (43838 lbf)	210 kN (47210 lbf)	7.01m / 23'	37.5m / 123'	32.8m / 107'6"	30.3m / 99'4"	2.5m / 8'2"	7.4m / 24'3"
ALLIANCE 40 Roll Fold	6.3m / 20'6"	8m / 26'2"	226 kN (50706 lbf)	226 kN (50706 lbf)	7.5m / 24'6"	40m / 131'2"	36.1m / 118'4"	32.2m / 109'	2.7m / 8'9"	9.2m / 30'2"
PUTZMEISTER 42Z	7.5m / 24'6"	7.7m / 25'25"	240 kN (53954 lbf)	225 kN (50582 lbf)	9.2m / 30'2"	41.6m / 136'5"	37.3m / 122'4"	34.5m / 113'2"	2.8m / 9'2"	8.6m / 28'2"
PUTZMEISTER 47Z	8.5m / 27'11"	9.1m / 29'9"	245 kN (55078 lbf)	250 kN (56202 lbf)	8.9m / 29'4"	46.1m / 151'3"	40.9m / 134'11"	38m / 124'8"	2.9m / 9'5"	11.1m / 36'5"
ALLIANCE 47RZ	8.6m / 28'3"	9m / 29'6"	300 kN (67443 lbf)	300 kN (67443 lbf)	9.7m / 31'8"	46.5m / 152'7"	42.5m / 139'5"	39.5m / 129' 7"	3m / 9'8"	10m / 32'10"
PUTZMEISTER 51Z	9.7m / 31'8"	10.9m / 35'8"	289 kN (64969 lbf)	275 kN (61823 lbf)	9.7m / 31'8"	50.1m / 164'4"	44.9m / 147'3"	40.3m / 132'2"	4.6m / 15'1"	10.2m / 33'5"
PUTZMEISTER 56Z	9.3m / 30'6"	10.3m / 33'10"	310 kN (69691 lbf)	300 kN (62947 lbf)	11.3m / 36'11"	55.7m / 181'	49.9m / 163'9"	46.4m / 152'4"	3.5m / 11'5"	15.6m / 51'2"
SCHWING 61M	8.9m / 29'2"	12.5m / 41'1"	350 kN (78 680 lbf)	370 kN (83176 lbf)	11.6 / 37'9"	60.1m / 196'10"	55.7m / 184'2"	50.5m / 166'10"	4.8m / 15'7"	18.2m / 59'9"
PUTZMEISTER 63M	11.7m / 38'5"	12.8m / 42'	435 kN (97792 lbf)	425 kN (95544 lbf)	12.4m / 40'7"	62.1m / 203'9"	58.1m / 190'7"	53.4m / 175'2"	4.7m / 15'4"	23m / 75'6"
BETON STAR 68M	14.5m / 47'6"	12.3m / 40'4"	409 kN (91947 lbf)	405 kN (91149 lbf)	13.4m / 44"	67.3m / 220'8"	62.2m / 204'1"	58m / 190'3"	4.2m / 13'8"	15m / 49'2"

FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
PUTZMEISTER 31Z	5.5m / 18'	7m / 23'	210 kN (47210 lbf)	210 KN (47210 lbf)	6.3m / 20'8"	30.5m / 100'1"	26.3m / 86'3"	23.5m / 78'	2.8m / 9'2"	5.7m / 18'7"



NOM DE L'ÉQUIPEMENT : Pompe à mât 31Z
MARQUE : Putzmeister
MODÈLE BOOM : BSF31Z
MODÈLE POMPE : 16H
DESCRIPTION DE L'ÉQUIPEMENT :
Pompe à béton avec mât de distribution
spécialisé dans les espaces restreints.



Flèche de distribution

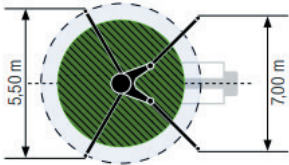
Type de pliage	Flèche 5 bras à pliage enroulé multi en Z
Portée verticale	30,5 m
Portée horizontale	26,3 m brute
Portée en profondeur	20,4 m
Hauteur de dépliage	5,7 m
Longueur du flexible d'epandage	4 m
Tuyauterie	DN 125, max. 85 bar
Orientation	365°

Généralités

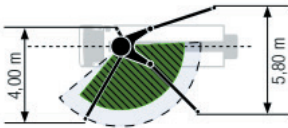
Largeur de stabilisation	avant	/ arrière
Standard	5,5 m	/ 7,0 m
OSS	4,0 m	/ 5,8 m
iSC	2,6 – 5,5 m	/ 2,6 m – 7,0 m
Longueur totale	10,85 m	
Hauteur	3,9 m	

La largeur de stabilisation se réfère au centre de la jambe de support

Standard –
Stabilisation totale

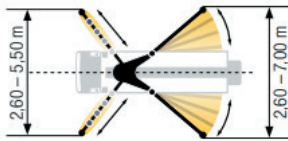


OSS* –
Stabilisation partielle G/D



* non EEE, sans marquage CE

iSC** –
Stabilisation adaptable



** EEE, marquage CE



FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
ALLIANCE 32ZZ	6.3m / 20'6"	5.8m / 19'	165 kN (37100 lbf)	165 kN (37100 lbf)	7m / 23'	31.4m / 103'	27.4m / 89'9"	25.0 m / 82'	2.4m / 7'9"	5.97m / 19'6"



NOM DE L'ÉQUIPEMENT : Pompe à mât 32Z-5
MARQUE : ALLIANCE
MODÈLE DE BOOM : JXZZ 32-5.16
MODÈLE DE POMPE : 16

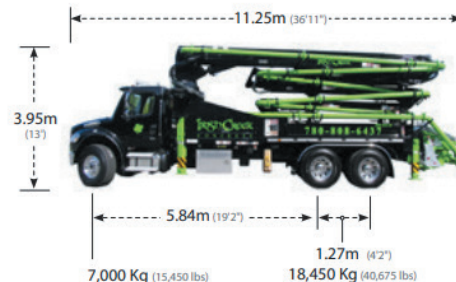
CABOVER

Reach from front : 25.0m (82')

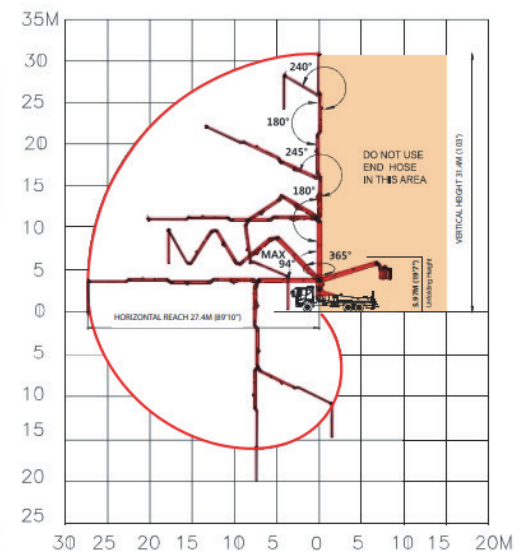
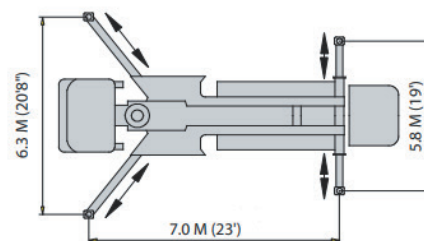


CONVENTIONAL CAB

Reach from front : 24.4m (80')



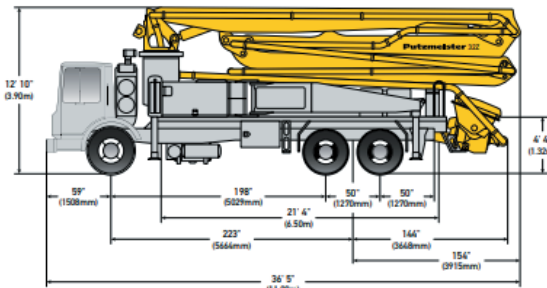
DIAGRAMS



FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
PUTZMEISTER 32Z	5.5m / 18'	6.8m / 22'4"	140 kN (31473 lbf)	155 kN (34845 lbf)	6.4m / 21'	32.3m / 106'	27.7m / 91'10"	25.5m / 83'8"	2.2m / 7'2"	7.3m / 24'11"



NOM DE L'ÉQUIPEMENT : Pompe à mât 32Z
MARQUE : Putzmeister
MODÈLE DE BOOM : BSF32Z
MODÈLE DE POMPE : 16H



32Z-METER TRUCK-MOUNTED SPECIFICATIONS

Length	36' 5"	(11.09m)
Width	8' 2"	(2.50m)
Height	12' 10"	(3.90m)
Wheelbase	223"	(5,664mm)
Front axle weight	17,641 lbs	(8,002kg)
Rear axle weight	33,352 lbs	(15,128kg)
Approx. total weight	50,993 lbs	(23,130kg)

Based on Model MACK MRU 613 with 16H pump cell.
Weights are approximate and include pump, boom, truck, driver and full fuel tank.
Varies with options selected.
Dimensions will vary with different truck makes, models and specifications.

BOOM SPECIFICATIONS | MULTI-Z DESIGN

Height & Reach		
Vertical reach	106' 0"	(32.30m)
Horizontal reach	91' 10"	(28.00m)
Reach from front of truck*	83' 8"	(25.50m)
Reach depth	67' 3"	(20.50m)
Unfolding height	24' 11"	(7.60m)

4-Section Boom

1st section articulation	96°	
2nd section articulation	180°	
3rd section articulation	255°	
4th section articulation	232°	
1st section length	27' 11"	(8.50m)
2nd section length	21' 8"	(6.60m)
3rd section length	21' 8"	(6.60m)
4th section length	21' 8"	(6.60m)

General Specs

Pipeline Size (ID) metric ends	5"	(125mm)
Rotation	365°	
End hose — length	10' 0"	(3.00m)
End hose — diameter	5"	(125mm)
Outrigger spread L - R — front	18' 0"	(5.50m)
hydraulically extend out & down		
Outrigger spread L - R — rear	22' 4"	(6.80m)
hydraulically swing out & extend down		

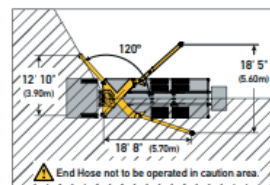
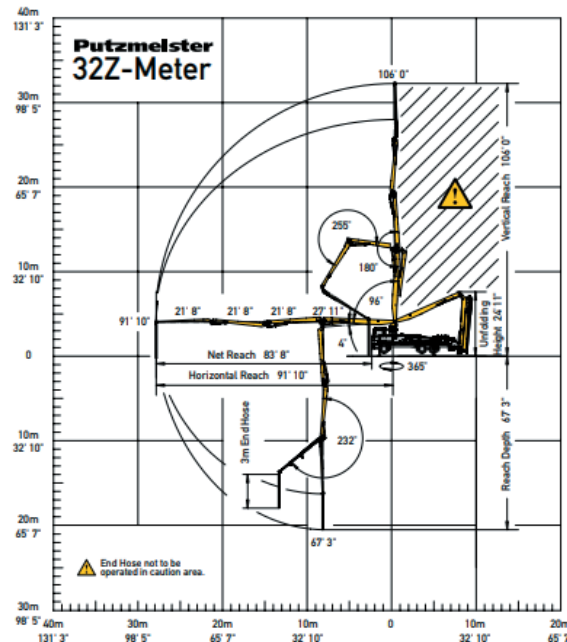
PUMP SPECIFICATIONS

	32Z.12H	32Z.16H
Output — rod side	144 yd ³ /hr (110m ³ /hr)	210 yd ³ /hr (160m ³ /hr)
— piston side	97 yd ³ /hr (74m ³ /hr)	146 yd ³ /hr (112m ³ /hr)
Pressure — rod side	1,233 psi (85 bar)	1,233 psi (85 bar)
— piston side	1,624 psi (112 bar)*	1,885 psi (130 bar)*
Material cylinder diameter	9" (230mm)	9" (230mm)
Stroke length	83" (2,100mm)	83" (2,100mm)
Maximum strokes per minute		
— rod side	21	31
— piston side	14	21
Volume control	0-Full	0-Full
Vibrator	Standard	Standard
Hard-chromed material cylinders	Standard	Standard
Hydraulic system	Free Flow	Free Flow
Hydraulic system pressure	5,075 psi (350 bar)	5,075 psi (350 bar)
Differential cylinder diameter	5.1" (130mm)	5.5" (140mm)
Rod diameter	3.1" (80mm)	3.1" (80mm)
Maximum size aggregate	2.5" (63mm)	2.5" (63mm)
Water tank — pedestal	185 gal (700L)	185 gal (700L)

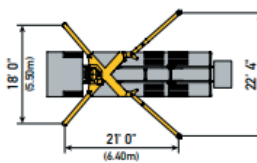
Maximum theoretical values listed.

* Applies to units mounted on PMA stock truck — MACK MRU 613

• Standard delivery line system rated at max line pressure of 1,233 psi (85 bar)



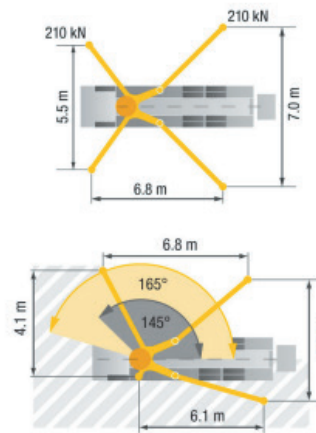
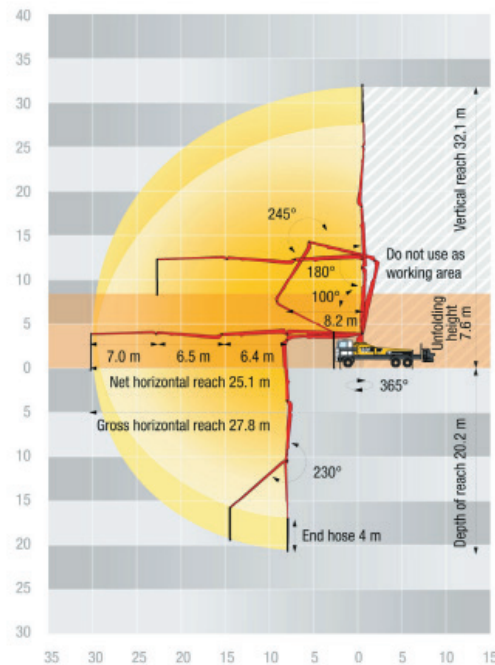
Optional One-Sided Support (OSS) 120°



FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
PUTZMEISTER 33Z	5.5m / 18'	7m / 23'	210 kN (47210 lbf)	210 kN (47210 lbf)	6.8m / 22'3"	32.1m / 105'3"	27.8m / 91'2"	25.1m / 82'3"	2.7m / 8'9"	7.6m / 24'9"



NOM DE L'ÉQUIPEMENT : Pompe à mât 33Z
MARQUE : Putzmeister
MODÈLE BOOM : 33Z Meter
MODÈLE POMPE : 16H



33Z-Meter Truck-Mounted Specifications

Length	35' 6"	(10.84 m)
Width	8' 2"	(2.50 m)
Height	12' 10"	(3.92 m)
Wheelbase	233"	(5,664 mm)
Front axle weight	18,640 lbs	(8,455 kg)
Approx total weight	51,474 lbs	(23,348 kg)

Based on Model Mack TERRAPRO 613 (MRL) with 16H pump out.
Weights are approximate and include pump, boom, truck, driver and some fuel. Varies with options selected.
Dimensions will vary with different truck makes, models and specifications.

Boom Specifications | Z-Fold Design

Height & Reach		
Vertical reach	105' 3"	(32.1 m)
Horizontal reach	100' 0"	(30.50 m)
Reach from front of truck*	91' 2"	(27.80 m)
Reach depth	67' 10"	(20.20 m)
Unfolding height	24' 11"	(7.60 m)

4-Section Boom

1st section articulation	100°	
2nd section articulation	180°	
3rd section articulation	245°	
4th section articulation	230°	
1st section length	26' 10"	(8.20 m)
2nd section length	20' 11"	(6.40 m)
3rd section length	21' 3"	(6.50 m)
4th section length	22' 11"	(7.00 m)

General Specifications

Pipeline Size (ID) metric ends	5"	(125 mm)
Rotation	365°	
End hose — length	10' 0"	(3.00 m)
End hose — diameter	5"	(125 mm)
Outrigger spread L-R — front	18' 0"	(5.50 m)
hydraulically extended out & down		
Outrigger spread L-R — rear	22' 11"	(7.00 m)
hydraulically swing out & extend down		

Pump Specifications

	33Z 12 H	33Z 16H
Output — rod side	144 yd ³ /hr (110 m ³ /hr)	209 yd ³ /hr (160 m ³ /hr)
— piston side	97 yd ³ /hr (74 m ³ /hr)	141 yd ³ /hr (108 m ³ /hr)
Pressure — rod side	1,233 psi (85 bar)	1,233 psi (85 bar)
— piston side	1,885 psi (130 bar)*	1,885 psi (130 bar)*
Material cylinder diameter	9" (230 mm)	9" (230 mm)
Stroke length	83" (2,100 mm)	83" (2,100 mm)
Maximum strokes per minute		
— rod side	21	31
— piston side	14	21
Volume control	0-Full	0-Full
Vibrator	Standard	Standard
Hard-chromed material cylinders	Standard	Standard
Hydraulic system	Free Flow	Free Flow
Hydraulic system pressure	5,075 psi (350 bar)	5,075 psi (350 bar)
Differential cylinder diameter	5.5" (140 mm)	5.5" (140 mm)
Rod diameter	3.1" (80 mm)	3.1" (80 mm)
Maximum size aggregate	2.5" (63 mm)	2.5" (63 mm)
Water tank — pedestal	185 gal (700 L)	185 gal (700 L)

Maximum theoretical values listed.

* Applies to units mounted on PMA stock truck — MACK MRL 613.

• Standard delivery line system rated at max line pressure of 1,233 psi (85 bar).

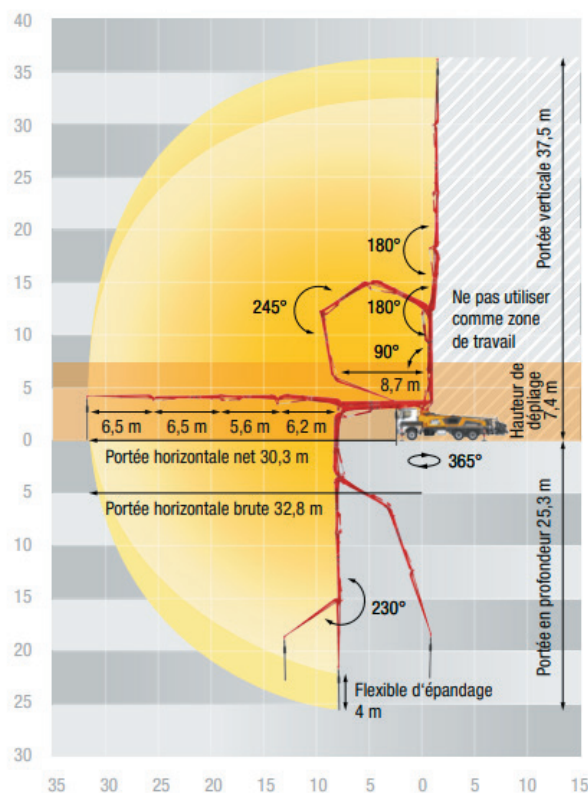
• Ergonic Pump System (EPS) is standard.



FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
PUTZMEISTER 38Z	6.3m / 20'8"	7.3m / 23'11"	195 kN (43838 lbf)	210 kN (47210 lbf)	7.01m / 23'	37.5m / 123'	32.8m / 107'6"	30.3m / 99'4"	2.5m / 8'2"	7.4m / 24'3"



NOM DE L'ÉQUIPEMENT : Pompe à mât 38Z-5
MARQUE : Putzmeister
MODÈLE DE BOOM : BSF 38Z-5
MODÈLE DE POMPE : 16H
ANNÉE : 2018
DESCRIPTION DE L'ÉQUIPEMENT :
Pompe à béton montée sur camion 3 essieux +
essieu relevable avec mât de distribution
5 sections. Pompe très flexible.



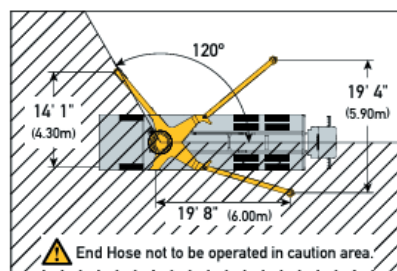
Flèche de distribution

Type de pliage	Flèche 5 bras à pliage enroulé en Z
Portée verticale	37,5 m
Portée horizontale	32,8 m brute
Portée en profondeur	25,3 m
Hauteur de dépliage	7,4 m
Longueur du flexible d'épandage	4 m
Tuyauterie	DN 125, max. 85 bar
Orientation	365°

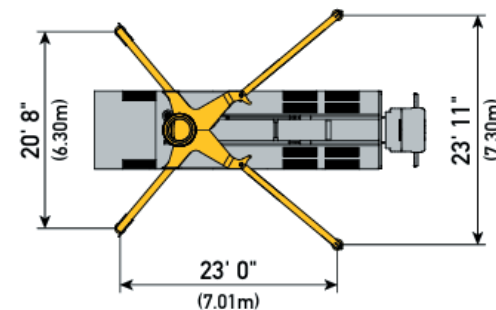
Généralités

Largeur de stabilisation	avant	/	arrière
Standard	6,0 m	/	8,1 m
OSS	4,3 m	/	6,3 m
iSC	2,6 – 6,0 m	/	2,6 m – 8,1 m
Longueur totale	10,8 m		
Hauteur	dessous 4,0 m		

Nota : Exécution standard. Dimensions et poids variables suivant châssis, pompe et équipement.



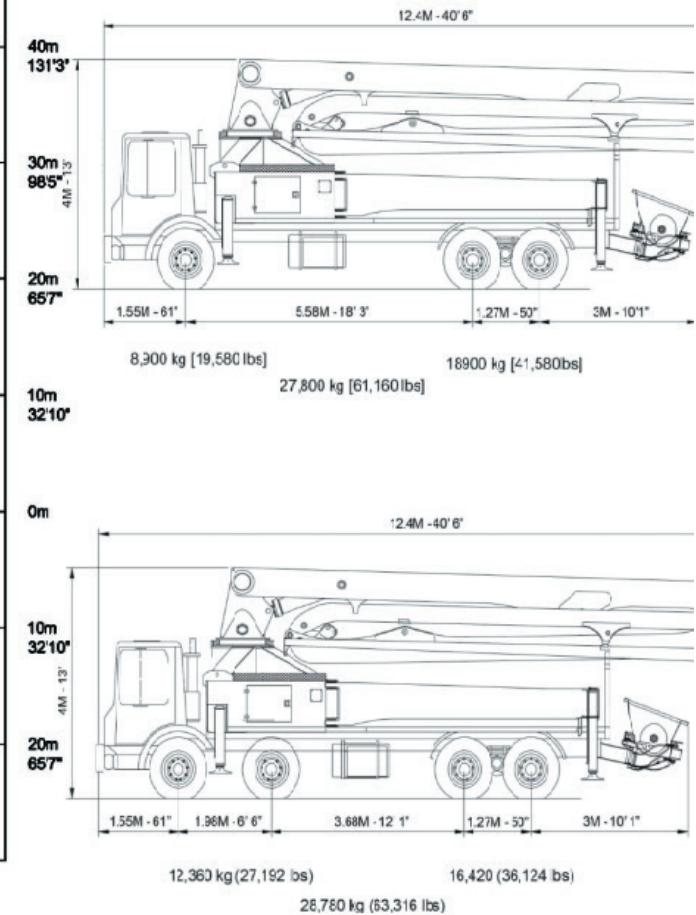
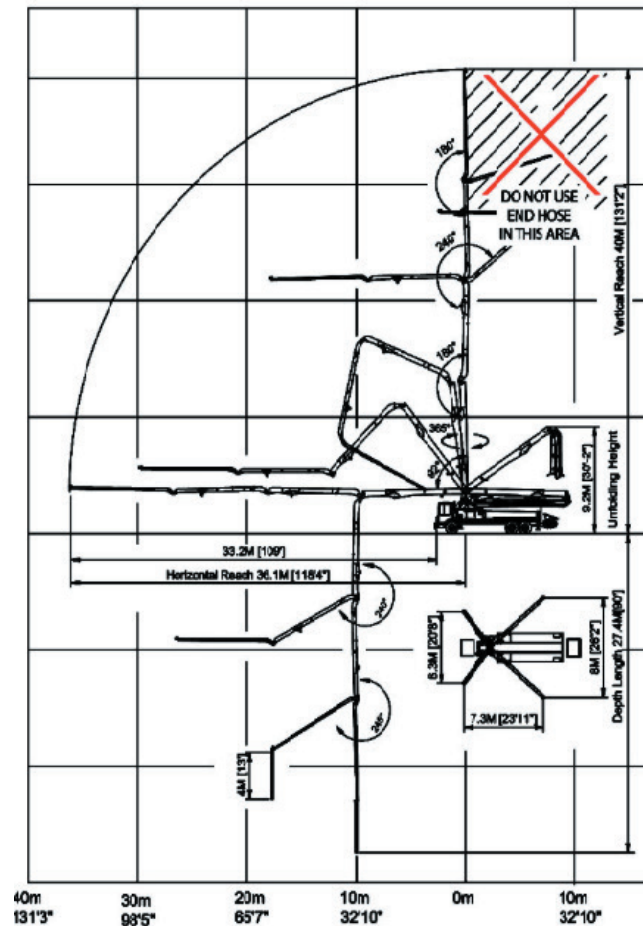
Optional One-Sided Support (OSS) 120°



FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
ALLIANCE 40 Roll Fold	6.3m / 20'6"	8m / 26'2"	226 kN (50706 lbf)	226 kN (50706 lbf)	7.5m / 24'6"	40m / 131'2"	36.1m / 118'4"	32.2m / 109'	2.7m / 8'9"	9.2m / 30'2"



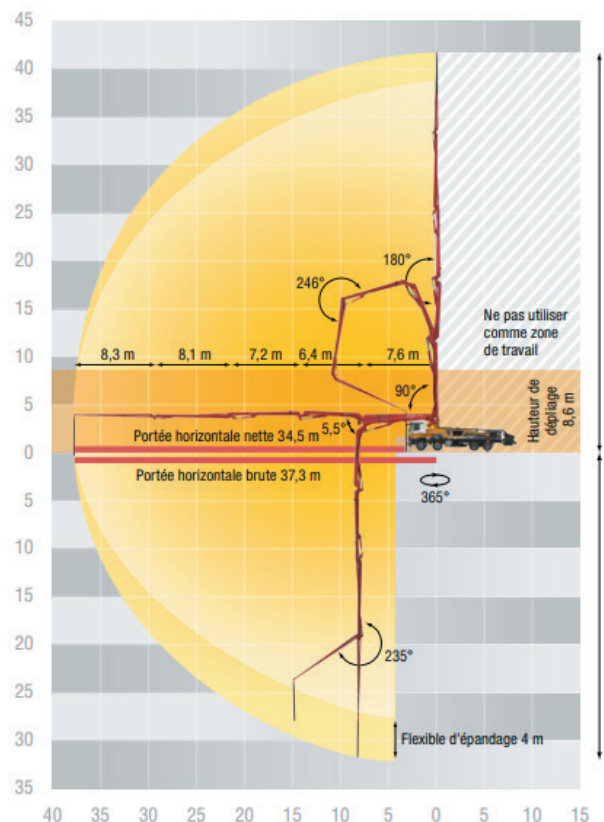
NOM DE L'ÉQUIPEMENT : ALLIANCE 40 Roll Fold
MARQUE : ALLIANCE
MODÈLE DE BOOM : 40M Roll and Fold
MODÈLE DE POMPE : 16



FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTALE	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
PUTZMEISTER 42Z	7.5m / 24'6"	7.7m / 25'25"	240 kN (53954 lbf)	225 kN (50582 lbf)	9.2m / 30'2"	41.6m / 136'5"	37.3m / 122'4"	34.5m / 113'2"	2.8m / 9'2"	8.6m / 28'2"



NOM DE L'ÉQUIPEMENT : Pompe à mât 42Z-5
MARQUE : Putzmeister
MODÈLE DE BOOM : BSF42-5
MODÈLE DE POMPE : 16H
DESCRIPTION DE L'ÉQUIPEMENT :
Pompe à mât 5 sections sur camion de 4 essieux + 1 essieu relevable. Portée plus importante avec rayon d'empatement flexible.



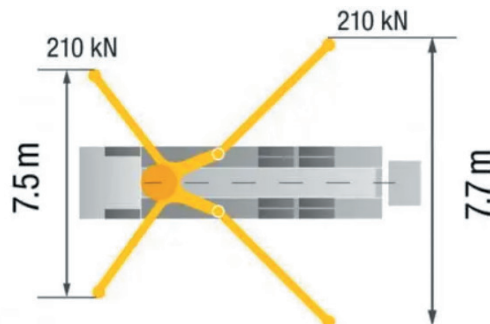
Flèche de distribution

Type de pilage	5 bras en Z enroulé (RZ)
Portée verticale	41,6 m
Portée horizontale	37,3 m brute
Profondeur	31,0 m
Hauteur de dépliage	8,6 m
Longueur flexible d'épandage	4 m
Tuyauteries	DN 125, max. 85 bars
Angle de rotation	365°

Généralités

Largeur de stabilisation	avant	/ arrière
Standard	7,5 m	/ 8,3 m
OSS	5,0 m	/ 6,4 m
ISC	2,6 – 7,5 m	/ 3,0 m – 8,3 m
Longueur totale	11,4 m	
Hauteur	inf. à 4,0 m	

*La largeur de stabilisation se réfère au centre de la jambe de support



FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
PUTZMEISTER 47Z	8.5m / 27'11"	9.1m / 29'9"	245 kN (55078 lbf)	250 kN (56202 lbf)	8.9m / 29'4"	46.1m / 151'3"	40.9m / 134'11"	38m / 124'8"	2.9m / 9'5"	11.1m / 36'5"



NOM DE L'ÉQUIPEMENT : Pompe à mât 47RZ
MARQUE : Putzmeister
MODÈLE DE BOOM : BSF47Z
MODÈLE DE POMPE : 16H

DIAGRAMME DE PORTÉE

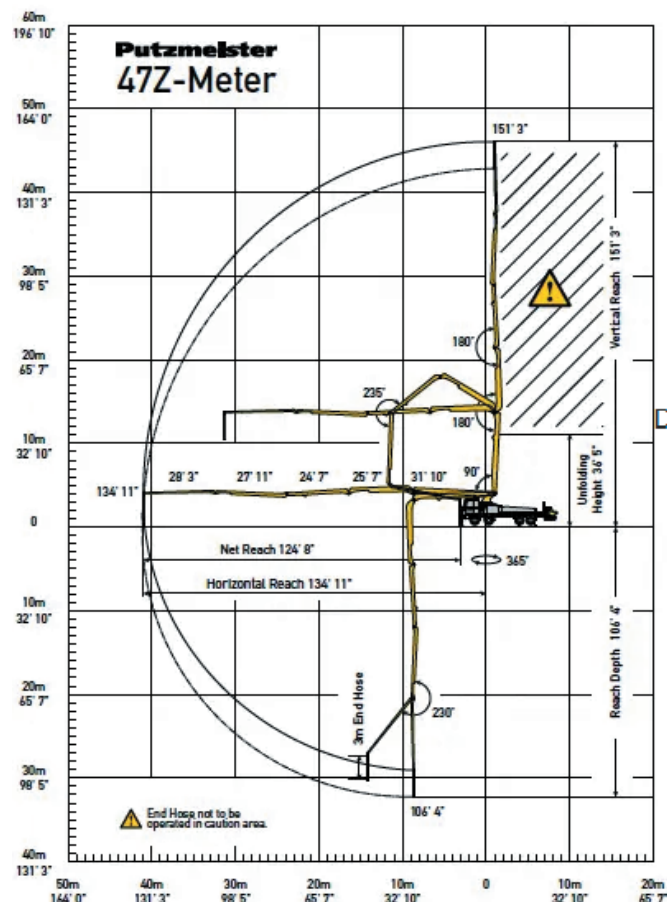


DIAGRAMME DU CAMION

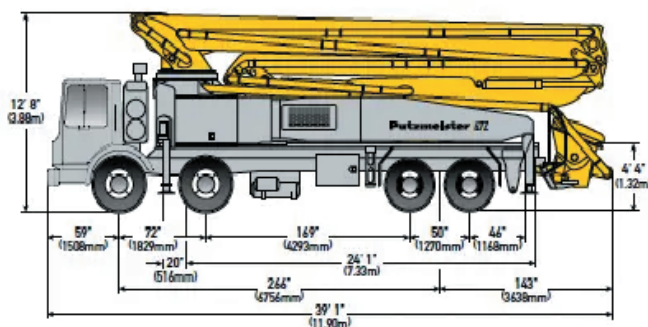
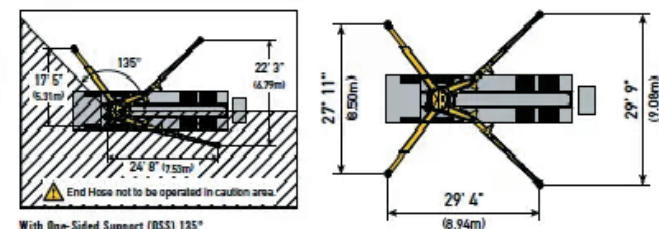


DIAGRAMME DE LA STABILISATRICE



FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
ALLIANCE 47RZ	8.6m / 28'3"	9m / 29'6"	300 kN (67443 lbf)	300 kN (67443 lbf)	9.7m / 31'8"	46.5m / 152'7"	42.5m / 139'5"	39.5m / 129' 7"	3m / 9'8"	10m / 32'10"



NOM DE L'ÉQUIPEMENT : Pompe à mât 47-5
MARQUE : ALLIANCE
MODÈLE DE BOOM : JXRZ47-5.16
MODÈLE DE POMPE : 16

CABOVER

Reach from front : 39.5 m (129'7")

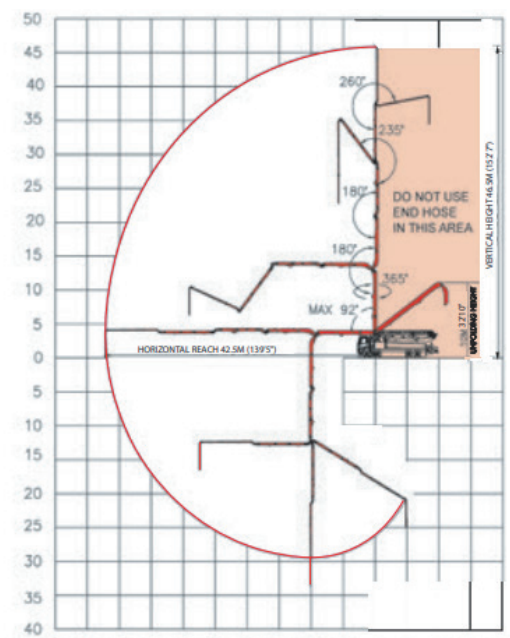
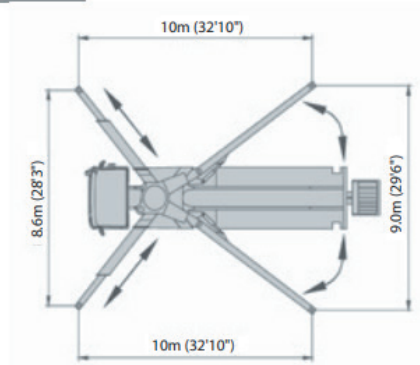


CONVENTIONAL

Reach from front : 38.4 m (126')



DIAGRAMS

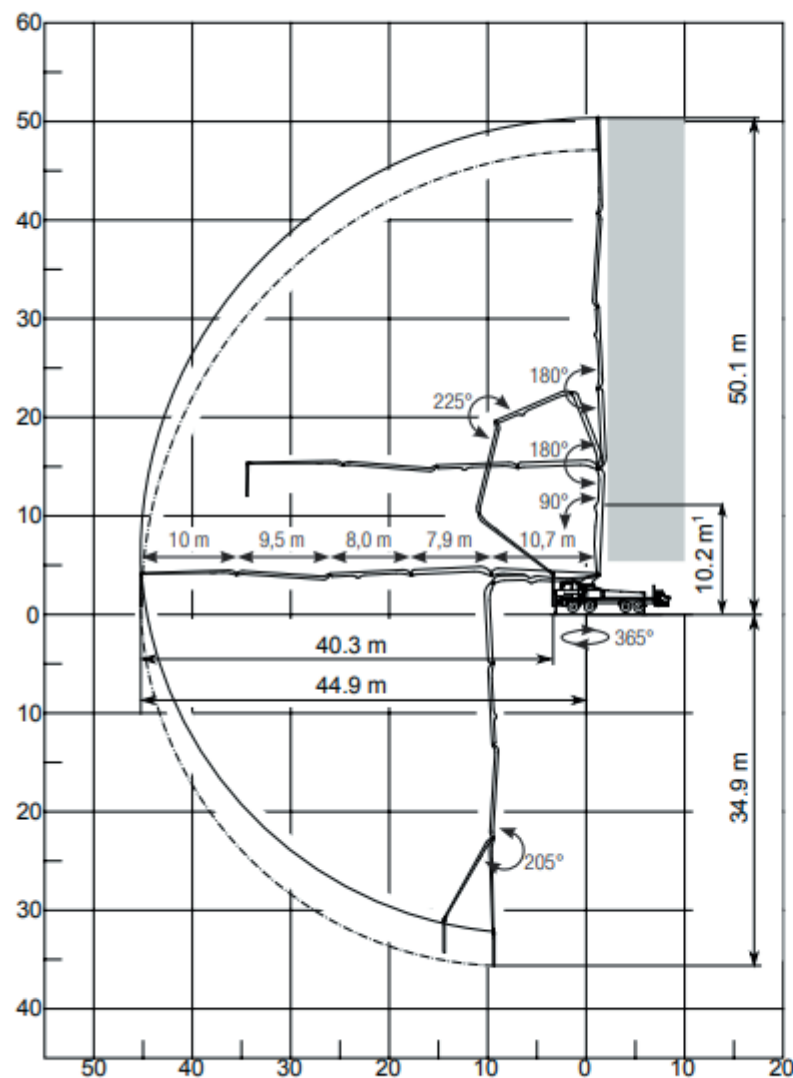


FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
PUTZMEISTER 51Z	9.7m / 31'8"	10.9m / 35'8"	289 kN (64969 lbf)	275 kN (61823 lbf)	9.7m / 31'8"	50.1m / 164'4"	44.9m / 147'3"	40.3m / 132'2"	4.6m / 15'1"	10.2m / 33'5"

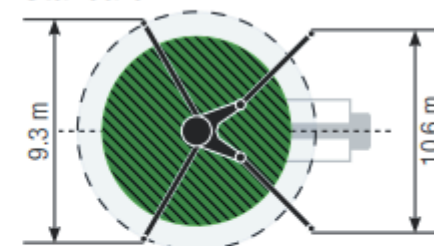


NOM DE L'ÉQUIPEMENT : Pompe à mât 51M
MARQUE : Putzmeister
MODÈLE DE BOOM : BSF51Z-5
MODÈLE DE POMPE : 16H

BSF 51-5 Reach information diagram, Support



Standard



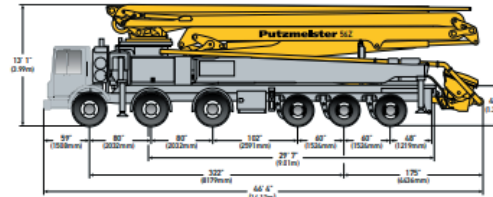
OSS



FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
PUTZMEISTER 56Z	9.3m / 30'6"	10.3m / 33'10"	310 kN (69691 lbf)	300 kN (62947 lbf)	11.3m / 36'11"	55.7m / 181'	49.9m / 163'9"	46.4m / 152'4"	3.5m / 11'5"	15.6m / 51'2"



NOM DE L'ÉQUIPEMENT : Pompe à mât 56M
MARQUE : Putzmeister
MODÈLE DE BOOM : BSF 56M
MODÈLE DE POMPE : 16H



56Z-METER TRUCK-MOUNTED SPECIFICATIONS

Length	46' 4"	(14.12m)
Width	8' 2"	(2.50m)
Height	13' 1"	(3.99m)
Wheelbase	322"	(8.179m)
Front axle weight	51,333 lbs	(23,284kg)
Rear axle weight	48,967 lbs	(22,211kg)
Approx total weight	100,300 lbs	(45,496kg)

Based on Model MACK MRU 613 with .16H pump cell.
Weights are approximate and include pump, boom, truck, driver and full fuel. Varies with options selected.
Dimensions will vary with different truck makes, models and specifications.

BOOM SPECIFICATIONS | Z-FOLD DESIGN

Height & Reach		
Vertical reach	181' 0"	(55.17m)
Horizontal reach	163' 9"	(49.90m)
Reach from front of truck*	152' 4"	(46.43m)
Reach depth	133' 0"	(40.54m)
Unfolding height	51' 2"	(15.60m)

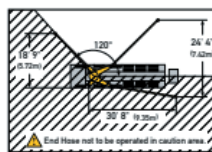
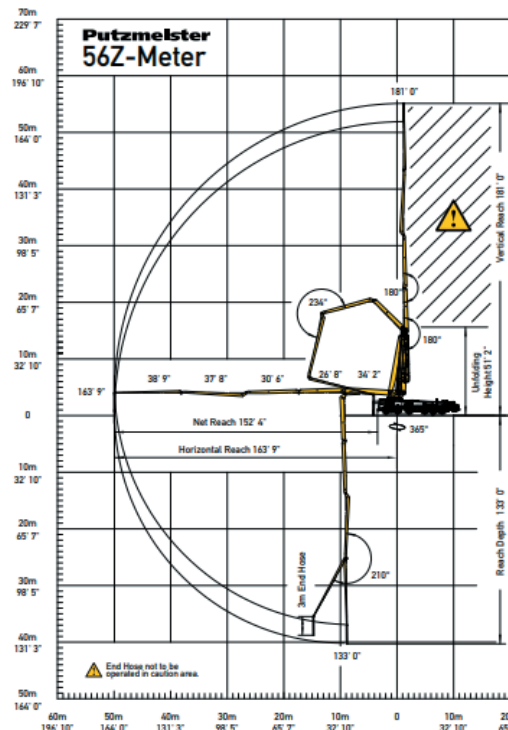
5-Section Boom		
1st section articulation	90°	
2nd section articulation	180°	
3rd section articulation	180°	
4th section articulation	234°	
5th section articulation	210°	
1st section length	34' 2"	(10.41m)
2nd section length	26' 8"	(8.12m)
3rd section length	30' 6"	(9.30m)
4th section length	37' 8"	(11.48m)
5th section length	38' 9"	(11.80m)

General Specs		
Pipeline Size (ID) metric ends	5"	(125mm)
Rotation	365°	
End hose — length	10' 0"	(3.00m)
End hose — diameter	5"	(125mm)
Outrigger spread L - R — front	30' 6"	(9.30m)
hydraulically extend out & down		
Outrigger spread L - R — rear	33' 10"	(10.31m)
hydraulically swing out & extend down		

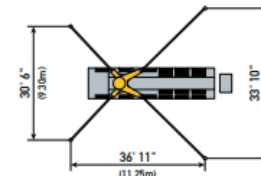
PUMP SPECIFICATIONS

	56Z.16H	56Z.18H LS
Output — rod side	210 yd ³ /hr (160m ³ /hr)	—
— piston side	141 yd ³ /hr (108m ³ /hr)	238 yd ³ /hr (182m ³ /hr)
Pressure — rod side	1,233 psi (85 bar)	—
— piston side	1,885 psi (130 bar)*	1,233 psi (85 bar)
Material cylinder diameter	9" (230mm)	10" (250mm)
Stroke length	83" (2,100mm)	83" (2,100mm)
Maximum strokes per minute — rod side	31	—
— piston side	21	29
Volume control	0-Full	0-Full
Vibrator	Standard	Standard
Hard-chromed material cylinders	Standard	Standard
Hydraulic system	Free Flow	Free Flow
Hydraulic system pressure	5,075 psi (350 bar)	5,075 psi (350 bar)
Differential cylinder diameter	5.5" (140mm)	5.5" (140mm)
Rod diameter	3.1" (80mm)	3.1" (80mm)
Maximum size aggregate	2.5" (63mm)	2.5" (63mm)
Water tank — pedestal	185 gal (700L)	185 gal (700L)

Maximum theoretical values listed.
* Applies to units mounted on PMA stock truck — MACK MRU 613
• Standard delivery line system rated at max line pressure of 1,233 psi (85 bar)



With One-Sided Support (RSS) 120°



FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
SCHWING 61M	8.9m / 29'2"	12.5m / 41'1"	350 kN (78 680 lbf)	370 kN (83176 lbf)	11.6 / 37'9"	60.1m / 196'10"	55.7m / 184'2"	50.5m / 166'10"	4.8m / 15'7"	18.2m / 59'9"



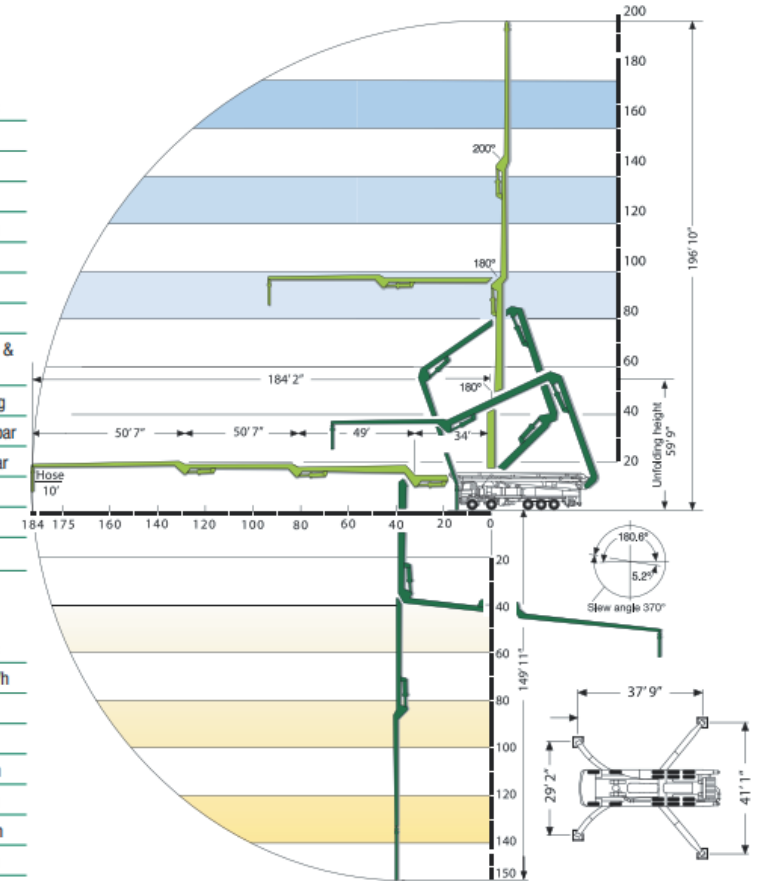
NOM DE L'ÉQUIPEMENT : Pompe à mât 61M
MARQUE : Schwing
MODÈLE DE BOOM : S61SX
MODÈLE DE POMPE : 2525H6

SPECIFICATIONS

	U.S.	Metric
Vertical Reach	196' 10"	60.1 m
Horizontal Reach	184' 2"	56.1 m
Below Grade Reach w/ Tip Hose	149' 11"	45.7 m
Pipeline Diameter	4.5 in	112 mm
Boom Type/ Sections	Overhead Roll & Fold/ 4	
Boom Rotation	370 degrees	
Unfolding Height	59' 9"	18.2 m
Outrigger Type- Front	Super X, Hydraulic Extension & Jacking	
Outrigger Type- Rear	Hydraulic Slewing & Jacking	
Outrigger Soil Pressure w/o Dunnage (front/rear)	157/166 psi	10.8/11.4 bar
Outrigger Soil Pressure w/ Dunnage (front/rear)	51/54 psi	3.5/3.7 bar
Outrigger Width, Front	29' 2"	8.9 m
Outrigger Width, Rear	41' 1"	12.5 m
Outrigger Length	37' 9"	11.5 m

PUMP SPECIFICATIONS

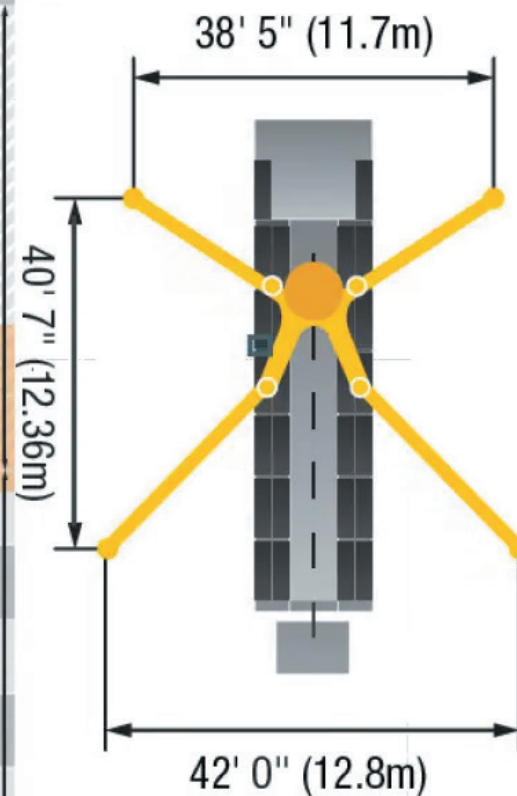
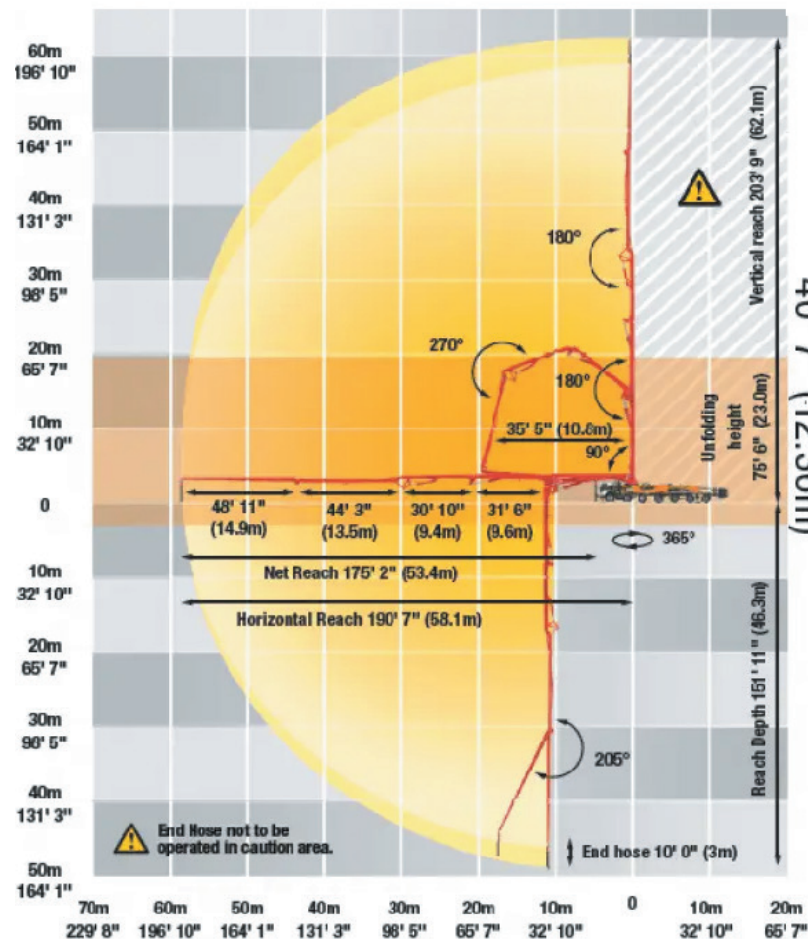
	U.S.	Metric
Theor. Concrete Output	213 cu yds/h	163 cu m/h
Max. Pressure on Concrete	1169 psi	80 bar
Max. Strokes Per Minute	22	
Max. Aggregate size	2.5 in	63.5 mm
Material Cylinder Diameter	10 in	254 mm
Material Cylinder Stroke	98 in	2500 mm
Differential Cylinder Diameter	4.7 in	120 mm
Maximum Oil Flow	158.5 gal/min	600 l/min
Hydraulic Circuitry Type	MPS	
Valve Type	B Rock	



FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
PUTZMEISTER 63M	11.7m / 38'5"	12.8m / 42'	435 kN (97792 lbf)	425 kN (95544 lbf)	12.4m / 40'7"	62.1m / 203'9"	58.1m / 190'7"	53.4m / 175'2"	4.7m / 15'4"	23m / 75'6"



NOM DE L'EQUIPEMENT : Pompe à mât 63M
MARQUE : Putzmeister
MODÈLE DE BOOM : BSF63M
MODÈLE DE POMPE : 16H

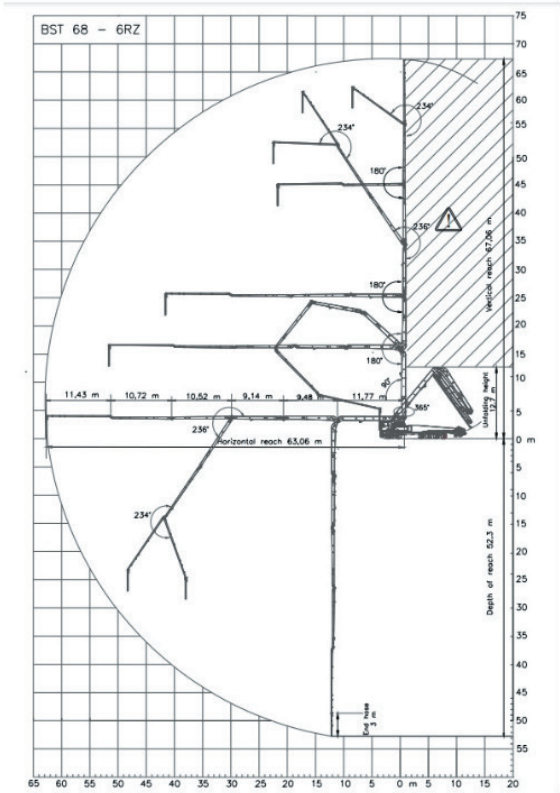


FICHE TECHNIQUE	STABILISATEUR AVANT	STABILISATEUR ARRIERE	POID APPLIQUÉ STABILISATEUR-AVANT	POID APPLIQUÉ STABILISATEUR-ARRIERE	ENTRE- PATTE	PORTÉ VERTICALE	PORTÉ HORIZONTAL	PORTÉ NETTE DU PARE CHOC	DIST.TOURELLE PARE CHOC	HAUTEUR DEPLIAGE
BETON STAR 68M	14.5m / 47'6"	12.3m / 40'4"	409 kN (91947 lbf)	405 kN (91149 lbf)	13.4m / 44"	67.3m / 220'8"	62.2m / 204'1"	58m / 190'3"	4.2m / 13'8"	15m / 49'2"



NOM DE L'ÉQUIPEMENT : Beton Star 68M
MARQUE : Beton Star
MODÈLE DE BOOM : 68M-6
MODÈLE DE POMPE : 16

BOOM WORKING DIAGRAM —



SUPPORT LEGS DIMENSIONS —

