

Tremie Boom Overview

39Z-4 + 51Z-5m

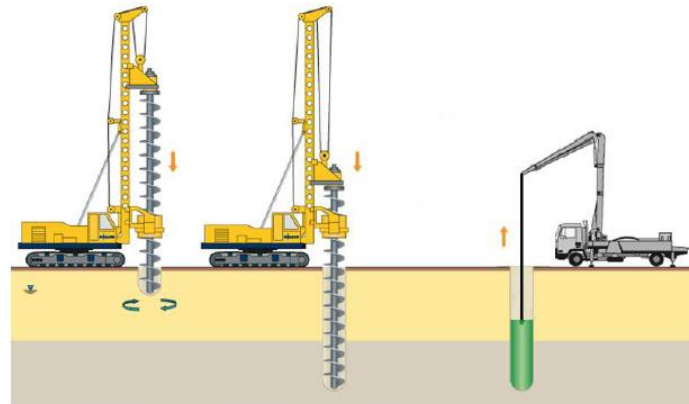
Product Management

1/28/2020



Replace last boom section with Tremie Boom section to increase boom tip load for piling application

Eliminates the need for a crane to support boom and extended end hose (if below tremie arm max tip load)



The tremie can be set up with or without the hydraulic cylinder...

WITHOUT CYLINDER

Maximum Tip Load

39Z-4m Tremie	1543lb 700kg
51Z-5m Tremie	1874lb 850kg



WITH CYLINDER

Maximum Tip Load

39Z-4m Tremie	1213lb 550kg
51Z-5m Tremie	1543lb 700kg





	BSF 39Z-4M			BSF 51Z-5M		
	Normal last boom segment	Tremie with cylinder at the last hinge	Tremie without cylinder at the last hinge	Normal last boom segment	Tremie with cylinder at the last hinge	Tremie without cylinder at the last hinge
Weight of the tremie segment	-	About 76 kg (168 lb)		-	About 105 kg (232 lb)	
Length of the tremie segment	-	2,5 m (8' 2")		-	2,2 m (7' 6")	
Vertical reach	38,5 m (126' 4")	33 m (108' 3")	30,5 m (100')	50,1 m (164' 4")	42,3 m (138' 9")	40,1 m (131' 6")
Horizontal reach	34 m (111' 6")	28 m (91' 10")	25,5 m (83' 8")	44,9 m (147')	37,1 m (121' 8")	34,9 m (114' 6")
Maximal tip load	160 kg (352 lb)	550 kg (1 213 lb)	700 kg (1 543 lb)	160 kg (352 lb)	700 kg (1 543 lb)	850 kg (1 874 lb)
Maximal length of the end hose *	3 m (9' 10")	12 m (39' 4")	16 m (52' 5")	3 m Std. end hose	16 m ** (52' 5")	21 m *** (68' 10")

* Only the tip load is approved. Not the length of the end hose. The given length of end hoses are only valid for the defined combination of hoses. Depending on the weight of the hoses including additional parts the end hose length will be different.

** 1 x „519090 hose SK125=5 5Z X 1000“ and 2 x „057612001 hose SK125=5 5Z X 5000ND“ and 1 x „239129008 end hose SK125=5 5Z X 5000“

*** 1 x „519090 hose SK125=5 5Z X 1000“ and 3 x „057612001 hose SK125=5 5Z X 5000ND“ and 1 x „239129008 end hose SK125=5 5Z X 5000“

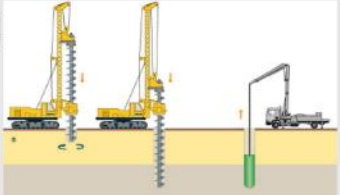
Tremie Boom
BSF 39-4-Meter and 517-5-Meter

Tremie Boom Specifications


	Retract. last boom segment	Tremie with cylinder at the last stage	Tremie without cylinder at the last
BSF 39-4-Meter			
Weight of the tremie segment	-	-	100 lb. (45.4 kg)
Length of the tremie segment	-	-	61' 0" (20 m)
Vertical reach	136' 4" (41.6 m)	138' 3" (42 m)	103' (31.3 m)
Horizontal reach	111' 0" (34 m)	91' 10" (28 m)	82' 0" (25 m)
Maximum tip load	702 lb. (318 kg)	1,218 lb. (553 kg)	1,542 lb. (700 kg)
Maximum length of the rod bore*	8' 10" (2.7 m)	8' 0" (2.4 m)	10' 0" (3.0 m)
BSF 517-5-Meter			
Weight of the tremie segment	-	-	252 lb. (114.3 kg)
Length of the tremie segment	-	-	7' 0" (2.1 m)
Vertical reach	186' 4" (56.8 m)	188' 0" (57.3 m)	131' 0" (40.2 m)
Horizontal reach	111' 0" (34 m)	121' 0" (36.9 m)	114' 0" (34.7 m)
Maximum tip load	362 lb. (164 kg)	1,542 lb. (700 kg)	1,874 lb. (850 kg)
Maximum length of the rod bore*	5'0" (1.5 m)	12' 0" (3.7 m)	10' 0" (3.0 m)

*Tip-to-tip length of the rod bore in the tremie. The exact length of the rod bore may vary due to the actual construction of the tremie. Depending on length of the boom, tremie segments and the actual tip load, the maximum length of the rod bore may vary.

*Tip-to-tip length of the rod bore in the tremie. The exact length of the rod bore may vary due to the actual construction of the tremie. Depending on length of the boom, tremie segments and the actual tip load, the maximum length of the rod bore may vary.



- Tremie boom section can be equipped instead of last boom section to increase boom tip load for piling application.
- Crane to support boom not needed if boom tip load while using longer and hoses does not exceed the approved load on the tremie section (up to 1,574 lb. (700 kg) possible with BSF 517-G).



Putzmeister America, Inc.
11215 26th Street
Putzmeier, WI 53177 USA
www.PutzmeisterAmerica.com

Phone: (262) 886-3000
Fax: (262) 884-7200
Fax: (262) 884-6208
www.putzmeier.com

QUALITY
Putzmeister
Certified

Authorized Distributor © Putzmeister America, Inc. 2018. Printed in the USA (2-1100) CI 4000 02
Photos and drawings are for illustration purposes only.

39Z-4M



51Z-5M

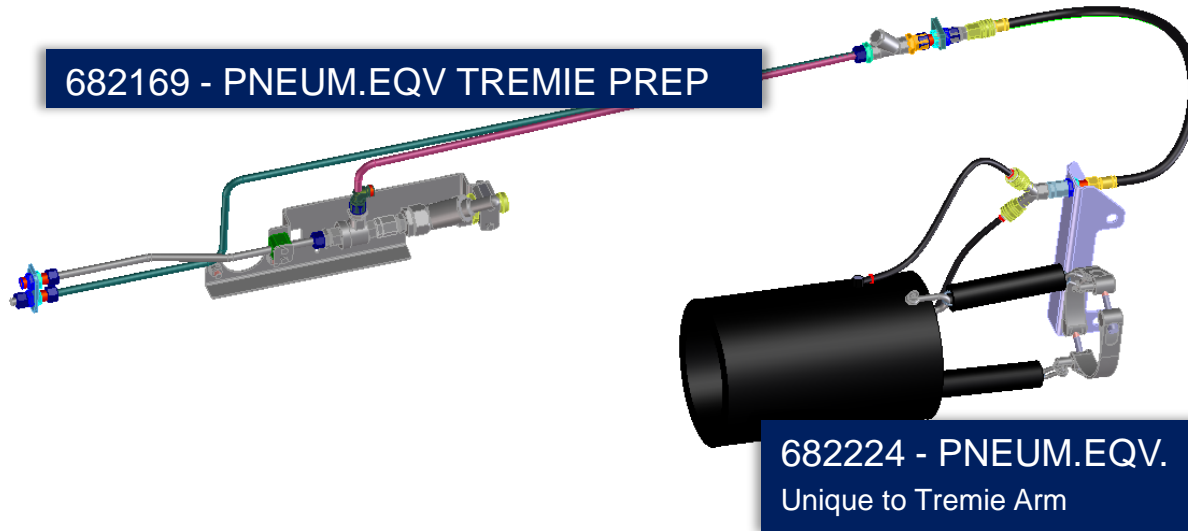


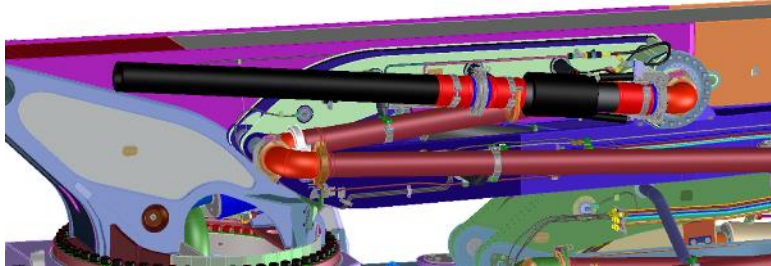
Both models shown with 1m + 2m – two piece tip hose

TIP HOSE SOLD SEPERATELY

PNEUM.EQV TREMIE PREP + PNEUM.EQV are **sold as an assembly**

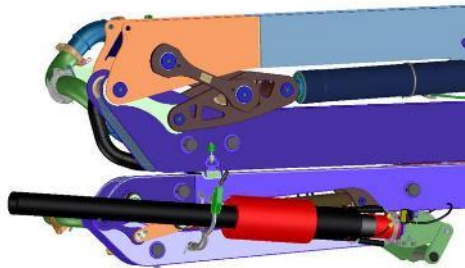
Applicable to 39Z-4M + 51Z-5M





51Z-5M

If tip hose is not removed, tip hose will rest on E-hinge joint

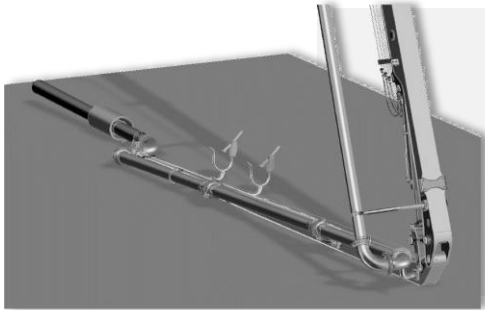


39Z-4M

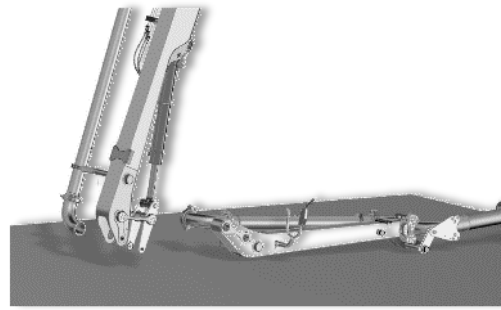
If tip hose is not removed, it will be the furthest item extending from the rear of BSF 39-4

For the tip hose to NOT be the furthest part extending from the rear - unpin hose container so the hose can rest on hopper lid

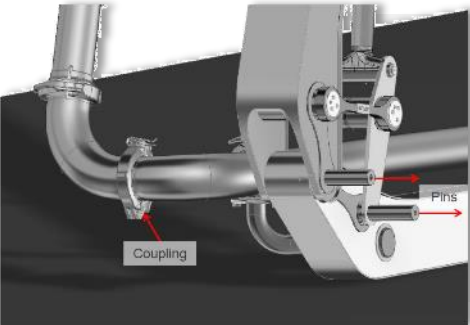
Installation instructions in development



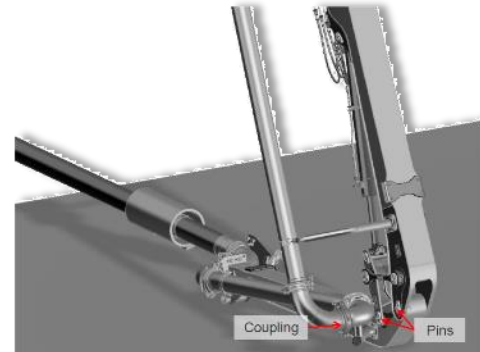
1
Position last boom segment
on the ground



3
Position boom and tremie
joints together



2
Remove bolts
Disconnect couplings
Disconnect cables (not
shown)



4
Once positioned - Connect
pins
Connect couplings
Connect cables(not shown)