

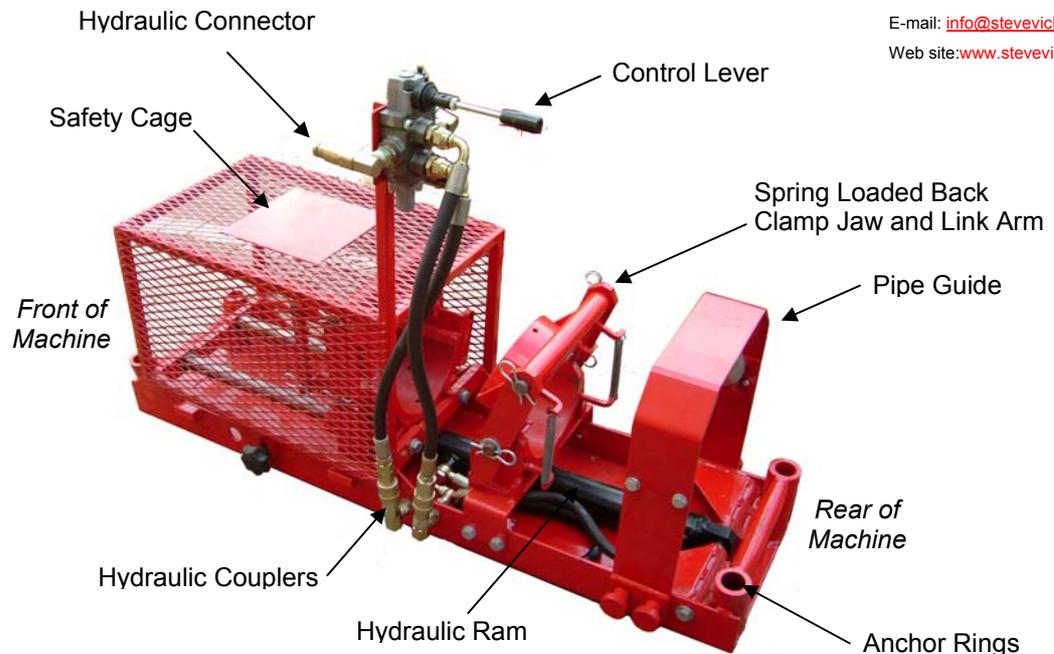


180 Hydraulic Pushing Machine

UNIT 4 PINESWAY
IVO PETERS ROAD
BATH
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ENGLAND
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E-mail: info@stevevick.com
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Registered No 1564477
Registered Office:
Steve Vick International Ltd
Unit 4 Pinesway
Ivo Peters Road
Bath BA2 3ET England



Please check the following instructions before commencing insertion

- Ensure correct power pack is used on this machine running at 140bar at 30 litres/min
- Ensure all instructions on power pack are followed
- **Pushing Machine should reach you ready for insertion, however please ensure the following instructions have been met**
- Check all hydraulic joints and couplers for leaks
- Check all hydraulic hoses are in good condition
- Re-tighten all nuts and bolts
- Apply grease to the carriage through the two nipples
- Grease all other moving parts – T handles, link arms

Siting the Pushing Machine

- For maximum pushing force machine should sit in excavation and aligned with main
- If a solid anchorage cannot be achieved, place machine on firm ground above trench
- Check for presence of buried cables or other pipes before driving anchor pins into ground
- If long push is required it is advisable to cast a concrete pad in excavation and use rawl bolts set in the concrete to secure pushing machine



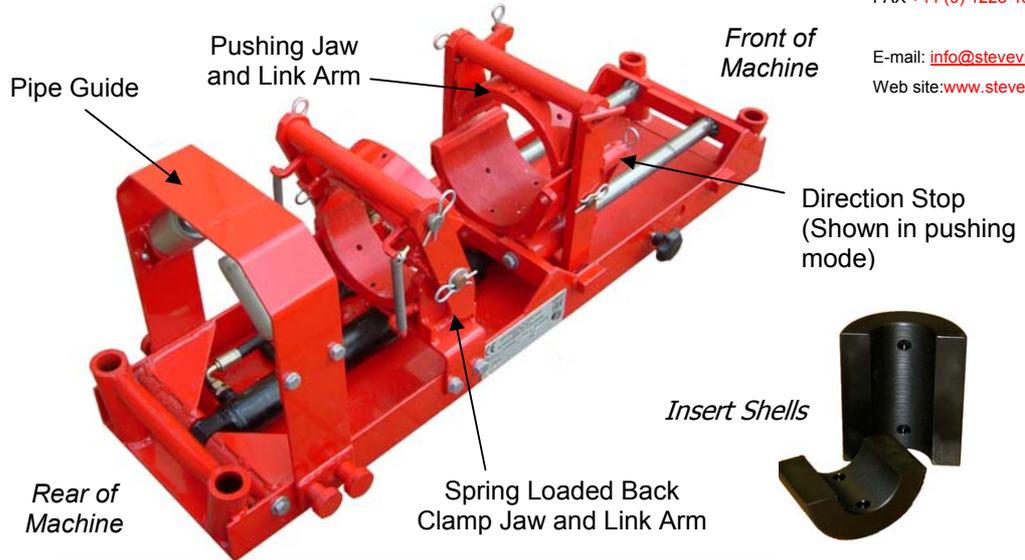
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Operating 180 Hydraulic Pushing Machine

- Remove safety cage completely away from main frame unlocking hydraulic coupler
- Remove top section of pushing jaw and link arm
- Remove top jaw on back clamp taking care with springs and remove pipe guide if required
- Ensure correct insert shells are fitted to both sets of jaws if necessary
- **Pushing:** Attach direction stop on 'front' end of machine
- **Pulling:** Attach direction stop on 'rear' end of machine – it may be necessary to unhook springs on back clamp to allow movement of PE
- *For ease of stop installation position pushing jaw at mid-travel point*
- Feed PE pipe over lower jaws and refit top section of pushing jaw and link arm
- Refit back clamp taking care attaching springs and refit pipe guide if removed
- Close safety cage ensuring hydraulic shut off fitting connects with hose coupling
- Connect up hydraulic hose to power pack ready for insertion

Specification

DIMENSIONS AND WEIGHTS					
Pipe Range: 40 to 180			Height		
Model	Length	Width	Operating	Carrying	Weight
180	1.2m	0.42m	0.77 m	0.4m	118kg
PUSHING CAPACITY					
Model	Pushing Force at 140 bar	Pushing Speed		Pushing Length	
		Maximum	Average	Achieved	Average
180	1.8 tonnes	8m/min	8m/min	750m+	500m