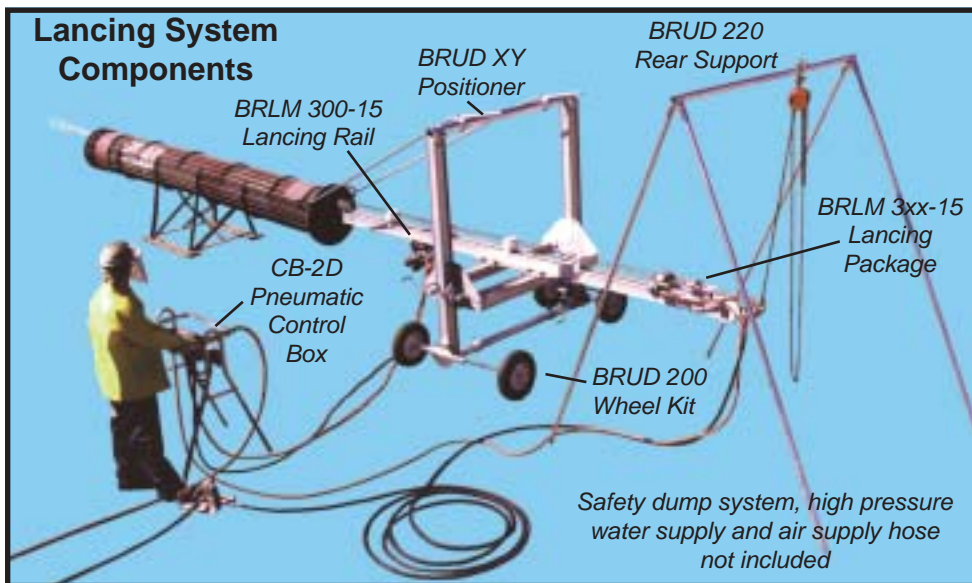
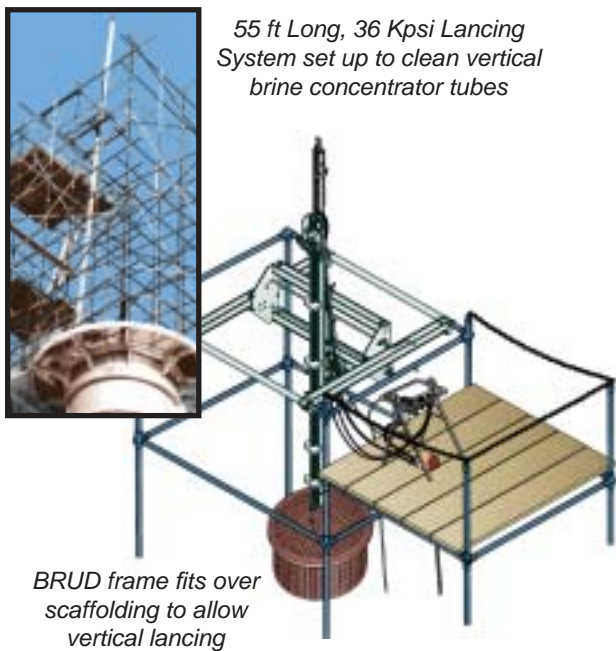


Rigid Tube Lancing Systems



Lancing Systems have been refined in design to provide dependability, versatility, and easy conversion from one operating pressure level to another. The system handles more waterjet power than a man holding a lance can. It handles waterjet-assisted drill bits for more unplugging power than a flexible lance. It is more consistent and more productive than any other lancing method. The rigid lancing system allows the customer's plant to be returned to operation in less time, making the contractor's service more valuable.



Safer, more powerful, thorough, reliable, and productive than any manual method

Restores heat transfer to new condition

Keeps operator away from hazards of high pressure water and debris splashback

Returns the bundle to production quicker than any other method

Consistent results because every tube is jetted at the same rate

Five Easy Steps for a Complete System:

1. Select **BRLM 300-15 Lancing Rail**, plus **BRLM 080 Extensions** to get sufficient stroke to handle your longest tube bundle.
2. Select **Lancing Package** according to operating pressure and mode - single rotary, dual rotary, 4-lance non-rotary.
3. Buy a **CB-2D Control Box**, and **BRUD XY Positioner**. Decide on standard manual XY positioning or optional air-operated.
4. Buy **Lance Tips** to suit the job.
5. Buy lances same length as the total rail.

Features

- Single, Dual Rotary, or 4 Lance Non-Rotary
- Manual or Powered XY Positioner
- 15, 20, or 40 Kpsi pressure rating
- Up to 2 ft/sec travel, 400 lb thrust
- Up to 60 ft stroke with Extension Kits
- Lightweight, corrosion-resistant
- Air or hydraulic power
- Easily converted to different pressure, length, or lance configuration

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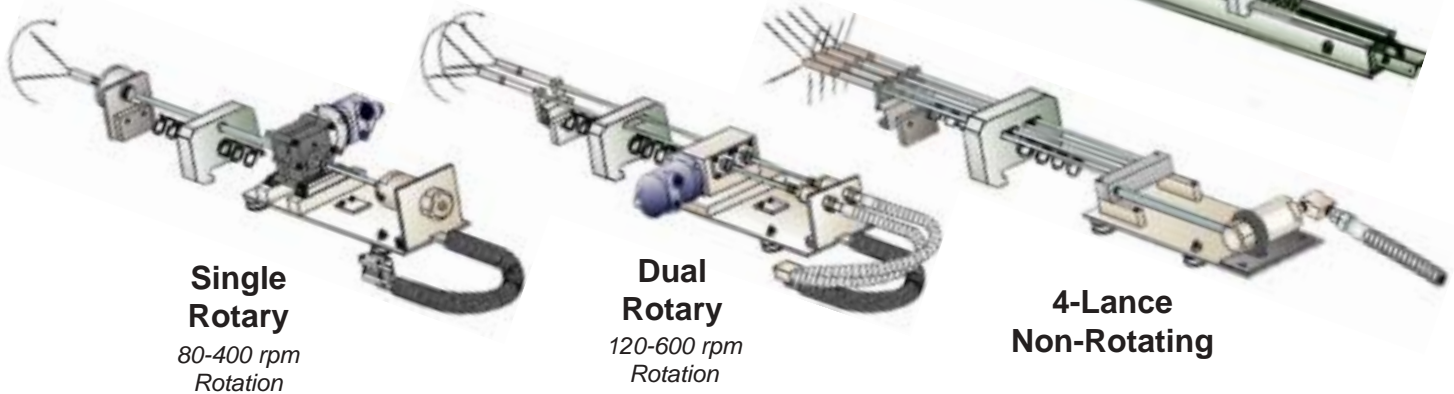
BRLM 300-15 Lancing Rail

3 HP Drive produces
up to 400 lb thrust,
2 ft/sec stroke

BRLM 080-xx Extension Kit

Extensions available
in 5 ft increments to
increase stroke as
needed

Lancing Packages - Slide onto Rail



Single Rotary

80-400 rpm
Rotation

Dual Rotary

120-600 rpm
Rotation

4-Lance Non-Rotating

Every **Lancing System** is sold as a 15 ft unit, with additional length added as Extension Kits. Extension kits have been used to make systems up to 60 ft long.

Select a Lancing Package based on operating pressure and lance configuration needed.

Compressed Air Required

80-100 psi, 60-90 cfm 4-Lance
80-100 psi, 80-130 cfm Rotary
Hydraulic Option Available

Specifications

Lancing Rail	Weight	Length	Stroke
BRLM 300-15	Lancing Rail & Drive 122 lb 55 kg	15 ft 1.5 m	12.0 ft 3.7 m

Extension Kits	Includes Rail, Splice, Chain, Guide Blocks					
	Length		Adds Stroke		Weight	
BRLM 080-05	5 ft	1.5 m	4.8 ft	1.5 m	26 lb	12 kg
BRLM 080-10	10 ft	3.1 m	9.5 ft	2.9 m	45 lb	20 kg
BRLM 080-15	15 ft	4.6 m	14.0 ft	4.3 m	65 lb	29 kg
BRLM 080-20	20 ft	6.1 m	19.0 ft	5.8 m	86 lb	39 kg
BRLM 080-25	25 ft	7.6 m	24.0 ft	7.3 m	107 lb	49 kg

Lancing Package *	Weight	15 Kpsi 1030 bar	20 Kpsi 1380 bar	40 Kpsi 2760 bar
Single Rotary Package	59 lb 27 kg	BRLM 310-15	BRLM 320-15	BRLM 330-15
Dual Rotary Package	62 lb 28 kg	BRLM 340-15	BRLM 350-15	BRLM 360-15
4-Lance Non-Rotating	67 lb 30 kg	BRLM 370-15	BRLM 380-15	NA

* Handles lances up to 9/16 in. OD, not included.

Lance Selection for Maximum Power

Jet for flows (gpm) no greater than:								
Lance	1/4 HP	3/8 HP	9/16 HP	1/4 MP	3/8 MP	9/16 MP	1/8 Sch 80	1/4 SCH 80
15 ft.	3.1	9.0	24	4.4	20	60	20	50
25 ft.	2.4	6.8	18	3.4	16	45	16	35
35 ft.	2.1	5.8	16	2.9	14	40	14	30