



# LOADSAFE®

## PIPE AND CASING HANDLING SYSTEM

LoadSafe® is true to its name, offering safe, hands free cycling of drill pipe, collars and well casing for all Schramm Telemast® rigs designed with tilting top head drives.

LoadSafe® is fed from hydraulically operated pipe racks set up in the horizontal position, eliminating "crow's nest" safety concerns found in traditional vertical pipe handling systems. Drill pipe or Range III casing is lifted from rack position into alignment with the tilting top head of the rig. A hydraulic roughneck on the rig eliminates manual tongs and the typical risks associated with their use while tripping drill pipe.

This automated system is fully integrated into the TXD rig rated at 200,000 lb hoist, and is also offered as an option or retrofit for Schramm T200XD, T130XD and T90XD rigs used in energy, mineral exploration, mine rescue, large diameter municipal water well or deep hole geothermal drilling applications.

- ENERGY
- MINERAL EXPLORATION
- WATER WELL
- GEOTHERMAL
- MINE RESCUE

- Hands free operation
- Optional as new or retrofit
- Range I casing capability up to 22 ft (6.70 m) long
- Up to 24 in (609 mm) tubular range
- 5,000 lb (2,268 kg) lift capacity
- Single or double sided pipe rack configurations available at additional cost

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SPECIFICATIONS

## TRAILER

- Dedicated use tandem axle trailer is equipped with (8) 275 / 70R22.5 tires (44,400 lb or 20,140 kg rating) on 10 hole disc aluminum wheels
- 25K tandem axle air ride suspension, ABS brakes, DOT lights, 12 volt electrical system and 2 inch (51 mm) king pin

## TUBULAR HANDLING

- Maximum tubular length 22 ft (6.70 m) Range I
- Maximum weight capacity 5,000 lbs (2,268 kg)
- Tubular diameter up to 24 inches (609 mm) with jaws removed
- Maximum jaw size 17 inches (432 mm)
- Slide travel 8 ft (2.4 m) Aluminium V-Pack, 55°C ambient design temperature

## SKID MOUNTED HYDRAULIC PIPE RACKS

- Racks hydraulically raise and lower to roll pipe, collars and casing into feed or discharge position
- Rack loading area width 166 inches (4.22 m), with adjustable height from 47 inches (1.19 m) to 77 inches (1.96 m) to allow transfer of tooling from standard pipe hauling trailers
- Racks can be positioned between pipe transport trailers, flat bed trucks or staging racks

## WEIGHT AND DIMENSIONS

- Transport length 40 ft (12.19 m)
- Transport width with hydraulic pipe racks stowed
- 10 ft 2 inches (3.1 m)
- Weight of trailer only 24,500 lbs (11,113 kg) approximate
- Weight of trailer and racks in stowed position
- 33,500 lbs (15,195 kg) approximate

LoadSafe performance is directly related to conditions encountered in the field. Rig specifications presented here are theoretical values based on a 100% efficiency factor. Schramm, Inc. continuously improves its products and reserves the right to change specifications, design, prices, and terms at any time without notification or obligation. These specifications do not extend any warranty, expressed or implied, nor do they or Schramm, Inc. make or imply any representation of the machine's merchantability or fitness for a particular purpose.

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