









## STEP-XPRS: WHEN LESS IS MORE. INTEGRATED SOLUTIONS FOR INTEGRATED OPERATIONS

The STEP-XPRS spread includes:

- 4-in-1 fracturing unit (100% electric driven) includes:
  - Hydration unit
  - Chemical storage
  - Data van
  - Blender
- Support trailer
- Integrated iron trailer transport unit
- Coiled tubing mast unit

STEP's compact integrated fracturing and coiled tubing spread – the STEP-XPRS – is efficient, versatile and capable of improving the economic efficiencies of stimulation and completion operations. The purpose-built spread includes a combination fracturing unit, which is 100% electric driven, powered by an auxiliary support trailer, and incorporates hydration, chemical storage, data van and blender capabilities into one unit. The spread also includes a dedicated custom mast unit designed to improve the versatility of coiled tubing operations and minimize rig-in times.

### Key Benefits

-  **NEWEST** purpose-built equipment in the WCSB designed to **IMPROVE** operational efficiencies
-  **FEWER** professionals and equipment **MINIMIZES** safety risk exposure
-  Electric driven units means **CLEANER POWER** which reduces emissions
-  **MINIMIZES** lease footprint and **DECREASES** site traffic
-  Electric spread **REDUCES** noise for field professionals and neighboring landowners
-  **One** site manager for multiple service lines **IMPROVES** crew **CONTINUITY** between fracturing and coiled tubing
-  **DEDICATED** maintenance and electronics professionals **MAXIMIZES** up-time
-  **IMPROVED** coiled tubing mast unit **REDUCES** rig-in times



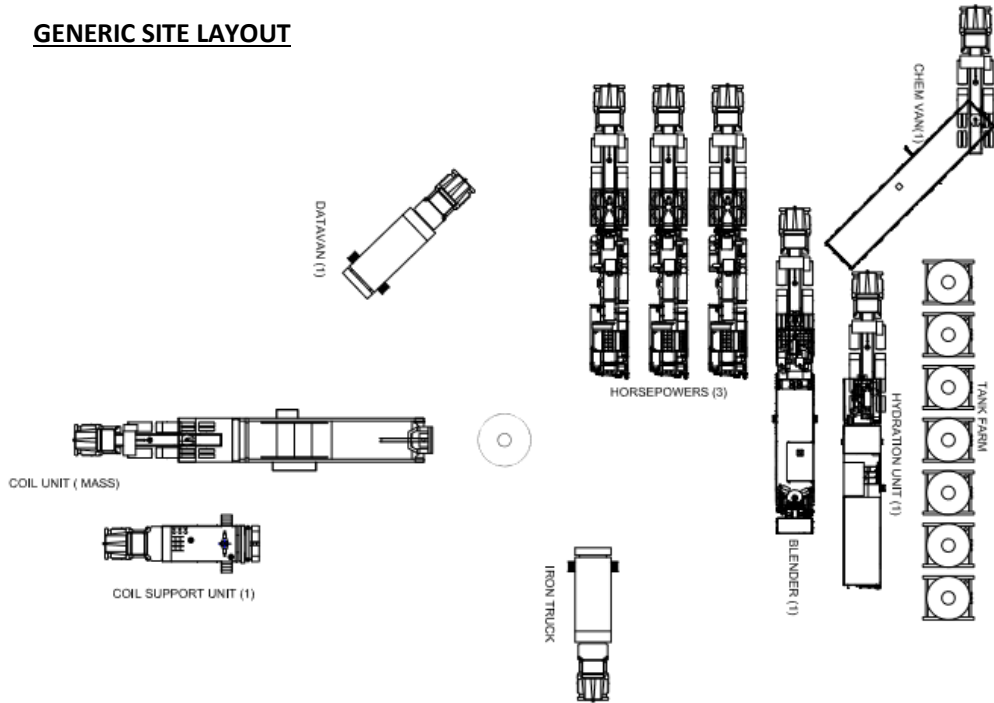
**4-IN-1 FRACTURING UNIT**



**COMBO CT MAST UNIT**



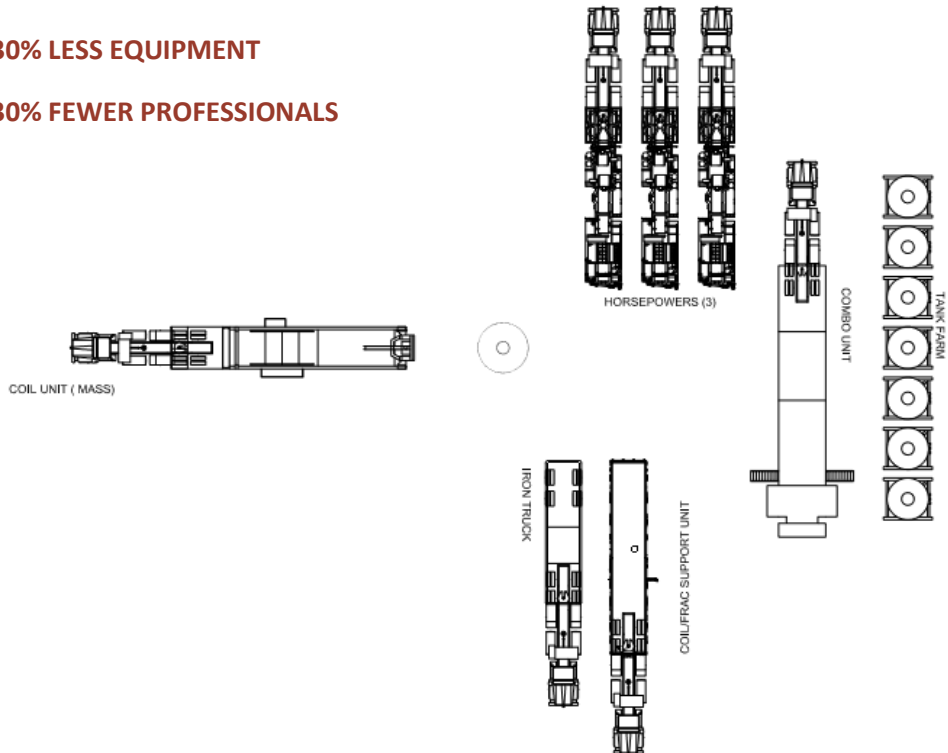
**GENERIC SITE LAYOUT**



**STEP-XPRS SITE LAYOUT**

**30% LESS EQUIPMENT**

**30% FEWER PROFESSIONALS**





## Equipment

### **4-in-1 Fracturing Unit**

- Hydration unit, chemical storage, data van and blender
- ALL-electric design; reduces noise and improves maintenance efficiencies
- Quick, efficient rig-in times
- 18 m<sup>3</sup> hydration tank, supporting up to 6 m<sup>3</sup>/min rates
- Day/night thermal camera with 36x optical zoom for monitoring pump performance, efficiency and danger zone
- Integrated chem lab
- Dust control for tub and hopper setup decreasing silica exposure
- Three proppant delivery augers with two dry-add augers for breakers
- Ambidextrous plumbing capabilities with tub and bypass mode
- Complete process analytic measurements, including viscosity, PH, salinity, density, pressure and rate
- Complete integration with accompanying coiled tubing unit, including all process, mechanical and camera data transmission

### **Support Equipment**

- Support trailer with 1500 kW (continuous) generator; enclosed and sound isolated also includes tool locker, workbench, parts locker and equipment lube service capabilities
- Integrated combination iron trailer transports all necessary iron with integrated 15 ton crane and has full well hop-in capabilities

### **Custom Combination Coiled Tubing Mast Unit**

- Compact, versatile mast unit which improves onsite mobility and rig-in times
- Slant capabilities (45-70°)
- Largest diameter in Canada; size ranges from 2" to 3-1/4" with maximum length ~7,500 meters
- 130,000 lb injector capacity mounted on a cradle that adjusts to help in well spotting
- 10K to 15K pressure control capabilities
- Rotating 120" arch, complete hydraulic work platform
- Operators' cab in Kenworth bunk with 45° window
- IDEX coil fatigue software
- Full electric over hydraulic allowing for dry-cab and remote capabilities
- Multiple cameras for component and perimeter monitoring
- Touch screen; PLC drive and automation