

COMPLETE INSTRUCTIONS

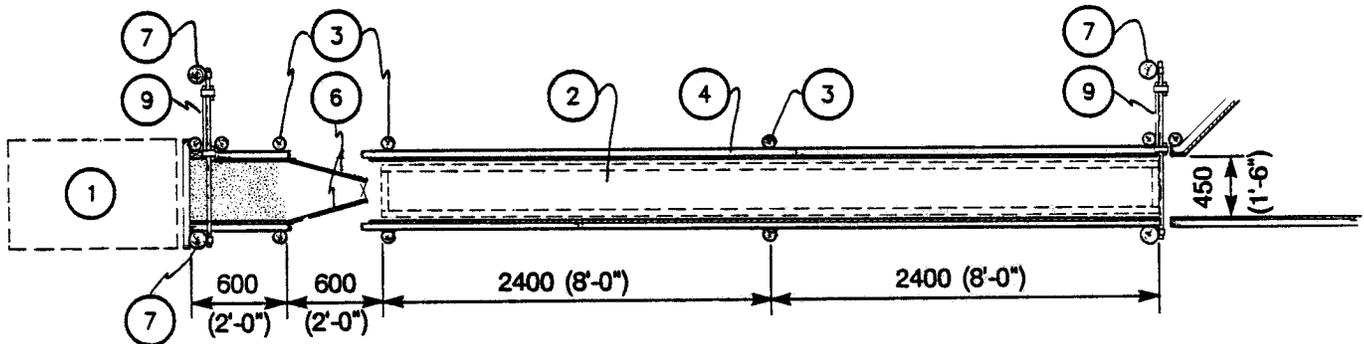
The Canada Plan Service, a Canadian federal/provincial organization, promotes the transfer of technology through factsheets, design aids and construction drawings that show how to plan and build modern farm structures and equipment for Canadian agriculture.

For more information, contact your local provincial agricultural engineer or extension advisor.

This working chute is designed for sorting, weighing and spraying sheep. The chute should be fitted into the corral and follow a crowding pen, so the flock can be gently funnelled through it. Sliding blocking gates at the entrance and exit control sheep traffic. A pair

of gates hinged in the sides of the chute permit rapid three-way sorting.

A watertight plywood footbath can be added for treatment of foot disorders.



1. location for weighing crate.
2. removable footbath made from 12.5 mm (1/2 in.) plywood and 38x 184 mm (2 x 8 in.) planking. Caulk all joints before nailing with galvanized nails.
3. 75 mm (3 in.) top diam x 1500 mm (5 ft) pressure-treated post.
4. 38 x 89 mm (2 x 4 in.) horizontal framing.
5. 18.5 mm (3/4 in.) plywood wall.
6. 18.5 mm (3/4 in.) plywood sorting gate; 2 - 75 mm (3 in.) butt hinges bolted to plywood, handle bent from 13 mm (1/2 in.) steel rod, ends flattened and drilled for 4 bolts.
7. 100 mm (4 in.) top diam x 2400 mm (8 ft) pressure-treated post.
8. 25 mm (1 in.) pipe welded to 50 x 125 mm (2 x 5 in.) steel strap, lag bolt to 7, grease to allow 9 to slide freely.
9. blocking gate; 9.5 x 525 x 1150 mm (3/8 x 21 x 46 in.) plywood (or use 18.5 mm (3/4 in.) plywood without frame); 38 x 89 x 1150 mm (2 x 4 x 46 in.) vertical framing on entrance side and 38 x 89 x 525 mm (2 x 4 x 21 in.) horizontal top and bottom framing in exit side; handle bent from 13 mm (1/2 in.) steel rod, ends flattened and drilled for 4 bolts.
10. 5 x 38 x 250 mm (1/4 x 1 1/2 x 10 in.) steel strap hangers, bend to fit around 8 and bolt to 9.
11. 38 x 89 mm (2 x 4 in.) vertical blocking at exit side of 9.
12. 38 x 89 mm (2 x 4 in.) earth stop, at grade, for earth ramp.
13. dip bottom of all fence members in wood preservative.
14. round and smooth all edges exposed to sheep.
15. spring to hold sorting gate 6 closed.
16. extend framing 18 mm (3/4 in.) for gate stop.

