Precision seeding system doubles as heavy duty chisel plow

Dual Purpose Concept 2000 Seeding & Tillage System

The Concept 2000 dual purpose system proves invaluable to farming operations worldwide. Whether you require a heavy duty chisel plow to till soil, cut through residue, and leave an exceptional field finish or the accuracy of a precision air seeding system, the Concept 2000 offers the best of both worlds.
The Concept 2000 features three trip assembly options:
- the 755LH 340 kg (750 lb) trip, 250 kg (550 lb) and the 186 kg (400 lb) trip. All Morris trips accept a variety of Morris seed and fertilizer boots, as well as other standard sweeps and spikes.

The 755LH trip combines the best features of spring cushion and over center trip assemblies. The trip is maintenance-free, requiring no greasing. The shank is held rigid in its home position. Rotational movement of the pivot points is limited, resulting in minimal wear on the bushings.

**Hydraulic tyne option**
- Trip out pressure can be increased or decreased on the go.
- Adjustable trip out force – during hard pulling, trip out can be set higher to avoid unnecessary tripping. In rocky or obstacle laden fields, trip out force can be reduced in order to clear large solid obstacles.
- **Higher durability** – recoil is much softer with the hydraulic trip.
- **Hydraulic pressure control** – to clear obstacles in the field, the farmer can operate the tractor remote to decrease the system pressure, and then increase the pressure back to the pre-set operating pressure once the obstacles have been cleared. A ball valve can be used to isolate the accumulator circuit once the pressure has been set. In this configuration trip out force remains set at one point, and can not be changed from the tractor.

**The Concept 2000 keeps you at work in the most demanding trash conditions.** The four row Z trip pattern allows trash to flow freely through the machine. To improve trash clearance capabilities, the spacing between ranks increases from 68.6 cm (27”) between the first and second rows to 78.7 cm (31”) between the second and third, and to 101.6 cm (40”) between the third and fourth. In combination with the short contour length of the machine and the extra high ground clearance provided by the trip assembly, the increase in distance between ranks from front to back provides superior performance in heavy trash conditions.

**The Concept has one of the shortest contour lengths in the industry** - only 2.4 m (96”) and a true floating hitch to maintain consistent seeding or tilling depth over sharp knolls, hills and draws.

The walking beam axles, placed near the rear of the frame, add another advantage. Even in the most challenging conditions, the machine follows the terrain maintaining uniform depth across the entire machine. Optional mud scrapers are available for the inner tires to aid in wetter conditions.

**A 30.5 cm (12”) sweep to ground clearance in transport makes it easier to travel over high crowned roads. This clearance also provides access when changing openers.**

Weight is transferred to the front of the machine in transport position. This provides greater stability, even with the mounted packer or harrow option.
More capacity, user friendly features, precise metering and proven distribution - whether you are changing product or setting rates, the clean basic design and operation of the EIGHT Series XL Air Cart lets you simply and easily get on with the task at hand.

As your cropping practices change, the EIGHT Series XL adapts right along with you. Stackable collectors allow quick and easy change over from single to double shoot. Simply slide a rod to divert product from one air stream into another.

Spiral fluted metering wheels gently roll product into the air stream, accurately metering fine to coarse seed and fertilizer.

Patented flat fan divider heads maintain the smooth horizontal flow of product as it leaves the primary runs to divide into the secondary runs. The abrupt directional change common to vertical divider heads is eliminated. Outlets on the Flat Fan Divider are matched with metering wheel width for superior overall metering accuracy.

All models are equipped with a 25.4 cm (10") auger for a fast fill.

8630 EIGHT Series XL with quad steer.

The walk-through tank design creates a firm standing platform with fill lids at waist level.

### 7000 Series air carts - field proven, easy to use

- Tank sizes: 6,550 L (180 bu.) to 10,910 L (300 bu).
- Tow between & tow behind configurations.
- Loading auger: 17.8 cm (7") on 7180 models
  20.3 cm (8") on 7240 & 7300 models.

Spiral fluted metering wheels move the product smoothly into the air stream.

The Posi-Drive Transmission uses a positive lock on all drive sprockets to deliver smooth and reliable metering. The positive ground drive from the Air Cart wheel ensures precise product rates at all times.

The high efficiency air system design and 13" diameter fan provide a low horsepower draw from the tractor hydraulics.

- 7000 Air Carts feature walk-through tank design.
- Very accurate seed & fertilizer calibration.
- Single, double shoot capability.
- High efficiency fan.
3 Section: Regular Transport

23' 7 m
25' 8.8 m
29' 9.45 m
33' 10.06 m

3 Section: Wide Transport

32' 9.75 m
34' 10.36 m
36' 10.97 m
38' 11.58 m
40' 12.19 m
42' 12.80 m

5 Section

50' 15.24 m
52' 15.85 m
56' 17.07 m
58' 17.68 m
60' 18.29 m

TIRE CONFIGURATIONS - OPTIONAL

Main Frame
(4) 9.5 x 15F1 Load Range D

Wing Frame
(2 per frame) 9.5L x 15F1 Load Range D

Main Gauge Wheel
(2) 9.5L x 15F1 Load Range D

Wing Gauge Wheel
(1 per frame) 9.5L x 15F1 Load Range D

Main Frame
(4) 11L x 15I1 Load Range D

Wing Frame
(2 per frame) 9.5L x 15F1 Load Range D

Main Gauge Wheel
(2) 11L x 15I1 Load Range D

Wing Gauge Wheel
(1 per frame) 11L x 15I1 Load Range D

Main Frame
(4) 11L x 15I1 Load Range F

Wing Frame
(2 per frame) 9.5L x 15F1 Load Range D

Main Gauge Wheel
(2) 11L x 15I1 Load Range F

Wing Gauge Wheel
(1 per frame) 11L x 15I1 Load Range D

 Specifications and Options

<table>
<thead>
<tr>
<th>Base Model</th>
<th>Ext'd Model</th>
<th>Working Width</th>
<th>Number of Shafts</th>
<th>Transport Width</th>
<th>Height</th>
<th>Weight with 755 LH Trip</th>
</tr>
</thead>
<tbody>
<tr>
<td>12' x 10' 9&quot;</td>
<td>205.0 cm x 25.4 cm x 22.9 cm</td>
<td>12' x 10' 9&quot;</td>
<td>3.05 m x 25.4 m x 22.9 m</td>
<td>12' x 10' 9&quot;</td>
<td>3.05 m x 25.4 m x 22.9 m</td>
<td>12' x 10' 9&quot;</td>
</tr>
</tbody>
</table>

FRAME CONFIGURATIONS

<table>
<thead>
<tr>
<th>Base Model</th>
<th>Main Frame</th>
<th>Inner Wings</th>
<th>Outer Wings</th>
<th>Extensions</th>
<th>Tires</th>
</tr>
</thead>
<tbody>
<tr>
<td>23' 7 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>I</td>
</tr>
<tr>
<td>25' 8.8 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>I</td>
</tr>
<tr>
<td>29' 9.45 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>II</td>
</tr>
<tr>
<td>33' 10.06 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>II</td>
</tr>
<tr>
<td>32' 9.75 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>II</td>
</tr>
<tr>
<td>34' 10.36 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>II</td>
</tr>
<tr>
<td>36' 10.97 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>II</td>
</tr>
<tr>
<td>38' 11.58 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>II</td>
</tr>
<tr>
<td>40' 12.19 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>II</td>
</tr>
<tr>
<td>42' 12.80 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>II</td>
</tr>
<tr>
<td>50' 15.24 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>III</td>
</tr>
<tr>
<td>52' 15.85 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>III</td>
</tr>
<tr>
<td>56' 17.07 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>III</td>
</tr>
<tr>
<td>58' 17.68 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>III</td>
</tr>
<tr>
<td>60' 18.29 m</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>III</td>
</tr>
</tbody>
</table>

Overall Length
26' (7.93 m) on all Models

Frame Depth
102" (2.59 m) on all Models

Rows
4 Rows on all Models

Standard
Safety Lights, Safety Chain

Options
Mud Scrapers, Mounted Packers, and Mounted Harrows

The policy of MORRIS INDUSTRIES LTD. is one of continuing improvement; therefore, the company reserves the right to change specifications without notice.