



SIDE SPREADER RANGE

ABBHEY
MACHINERY Est'd. 1947



Model: 2070



Model: 2090



Model: 2250



Model: 2100



Model: 2060

The best in your field

Abbey, one of the largest and longest established manufacturers of slurry handling equipment in Europe. A combination of over 30 years experience and the very latest high-tech manufacturing facilities ensures optimum levels of performance and reliability to meet the highest standards required by today's operators.

Duplex Chain Drive

The 2250 and 2550 models Duplex Chain is driven by the high strength 1 3/4 inch 6 spline input PTO shaft offering strength and durability.



Hydraulic Operated Door with Reinforced Baffles

The unique strong construction of the loading door allows opening and closing of the door from the tractor seat to give easy loading access and ideal spread pattern. The door is strengthened with baffles indicating quality construction and maximum support to the machine.



Chassis Design

The new and improved chassis design gives optimum strength to the drum, eliminating vibration and resulting in the strongest side spreader on the market.

Leading the way in muck handling equipment

Heavy Duty Rotor

The rotor is extremely robust to ensure long life with no maintenance. Rotors on all models are made from seamless tubing resulting in long life and free from vibration. The rotor is constructed from heavy duty 12mm x 115mm round tubing on all models up to the 2100. The complete drive line of the bigger models offers maximum strength and durability to power the 15mm x 165mm rotor tubing. Large diameter 70mm rotor bearings on the bigger models provide the robustness and reliability to handle the heaviest jobs with ease.



Chains System

The chain systems is extremely robust to ensure long life with no maintenance. Chains are fitted with heavy duty replaceable heads and plates and range from sizes of 28" x 3/8" up to 38" x 1/2 inch. The chains are specifically placed along the heavy duty rotor for accuracy of speed pattern and ease of start up when full. On the 2070, 2090, 2100, 2150, 2250 and 2550 models they are placed in a spiral dimension giving perfect results. A unique feature of the Abbey Side Spreader range is the specifically designed starter flails, strategically positioned at both ends of the rotor. They assist the start up procedure, reducing horse power requirement.



The Hydraulic Brakes Option

The hydraulic braking system is an optional extra available to the full range of side spreaders. They offer extra stability giving control to tackle all types of terrain.



Standard Drive Line

The proven and dependable standard 1 1/4 inch drive chain transfers power to the rotor on smaller models in the range. All drive line sprockets are standard with splined centres for ease of fitting.





| Wheel Options | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|---------------|--------------|-------------|-------------|--------------|----------------|--------------|-------------|----------------|
| Code | ABY 4305 | ABY 4315 | ABY 4300-6 | ABY 4324 | ABY 4350 | ABY 4325 | ABY 4356 | |
| Description | 11.5/80-15.3 | 13.0/75-16 | 15 x 22.5R | 16.5 x 22.5R | 1300 x 530-533 | 22.0/70 x 20 | 550/60-22.5 | 21.3 x 18 x 26 |
| Ply | 10 | 10 | 16 | 16 | 12 | 10 | 12 & 16 | |
| Dimensions | 33.3 x 11.4 | 34.4 x 13.2 | 43.3 x 15.4 | 44.5 x 16.9 | 50.3 x 20.7 | 51.18 x 22 | 48.4 x 21.6 | 43.2 x 23.1 |

Abbey Side Spreader Specifications

| Model No. | 2040 | 2060 | 2060 M/H | 2070 | 2090 | 2100 | 2250 | 2550 |
|---|---------------|--------------|--------------|---------------|--------------|--------------|---------------|---------------|
| Capacity (cu/m & cu yards) | 3.06 (4') | 4.58 (6') | 4.58 (6') | 5.35 (7') | 6.8 (9') | 7.6 (10') | 9.17 (12') | 11.46 (15') |
| Power Requirement (at PTO) | 35HP | 45HP | 45HP | 60HP | 70HP | 90HP | 120HP | 140HP |
| Loading Height (m) | 1.17 (3' 10") | 1.32 (4' 4") | 1.32 (4' 4") | 1.32 (4' 10") | 1.57 (5' 2") | 1.57 (5' 2") | 1.83 (6') | 1.99 (6' 6") |
| Hydraulic Operated Door | Cantilever | Cantilever | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Rotor (chains size) | 3/8" | 3/8" | 1/2" | 1/2" | 1/2" | 1/2" | 5/8" | 5/8" |
| Barrel Dimensions: Barrel Diameter (m) | 1.15 | 1.35 | 1.35 | 1.35 | 1.5 | 1.5 | 1.66 | 1.83 |
| Barrel Length (m) | 3 | 3 | 3 | 3.5 | 3.5 | 3.9 | 4 | 4 |
| Overall Dimensions O Length (m) | 4.39 | 4.39 | 4.39 | 4.85 | 5.18 | 5.58 | 5.68 | 5.68 |
| O Width (m) | 1.83 | 2.08 | 2.08 | 2.08 | 2.29 | 2.29 | 2.55 | 2.55 |
| O Height (m) | 1.68 | 1.83 | 1.83 | 1.83 | 2.26 | 2.26 | 2.41 | 2.75 |
| Drive Line Chain | Simplex | Simplex | Simplex | Simplex | Simplex | Simplex | Duplex | Duplex |
| Seamless Rotor | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Axel | Single | Single | Single | Single | Single | Single | Single/Tandem | Single/Tandem |
| Tyre Size | 11.5 x 15 | 11.5 x 15 | 13 x 16N | 400/15 22.5 | 400/15 22.5 | 400/15 22.5 | 550/60x22.5 | 550/60x22.5 |
| Unladen Weight (Kg) | 900 | 1310 | 1390 | 1470 | 2100 | 2250 | 2550 | 2700 |

The above listed dimensions are approximate

Dealer:

Other optional equipment includes:

- Heavy duty chains.
- Different size sprockets either to reduce HP requirement or decrease spreading time in more liquid wastes.
- Lights (standard or rubber lights).
- Mudguards.
- Larger Wheel Sizes.
- Hydraulic Brakes.