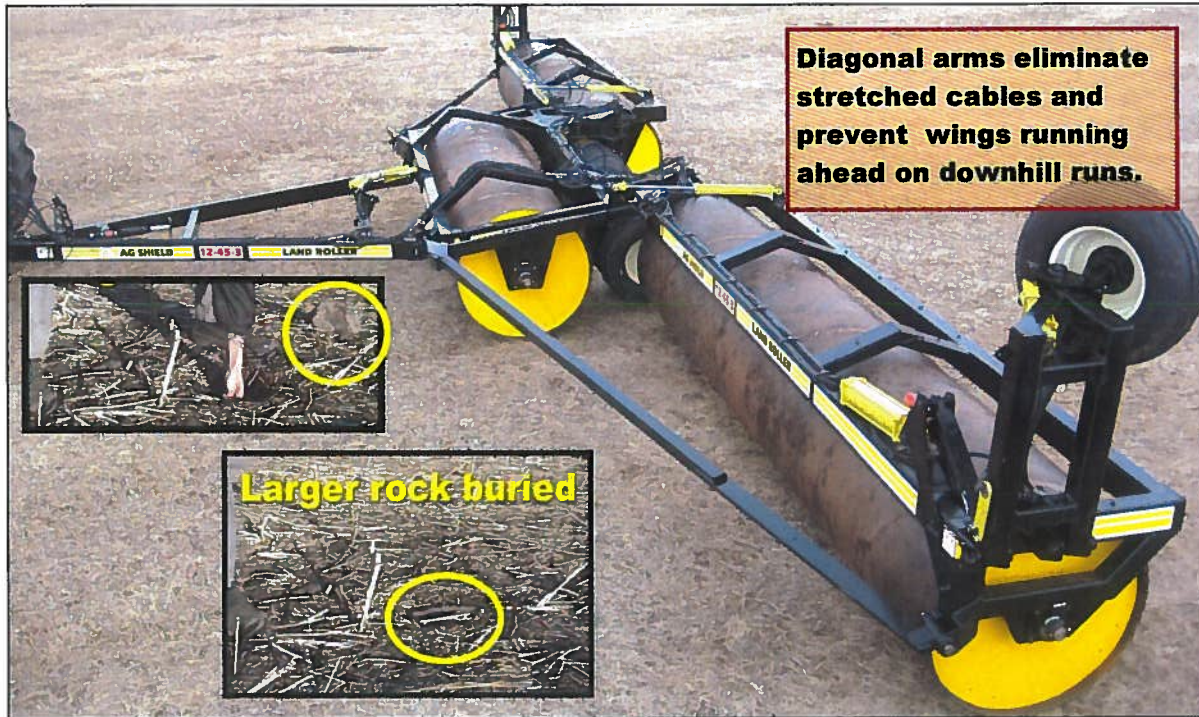


# AG SHIELD Land Roller



## Protect Your Equipment and Harvest *Faster!*

### Grain crops

Rollers provide a smooth, stone free surface for improved seed-to-soil contact, better weed control, and reduced moisture loss. Germination of canola, forages and small grains is significantly improved giving a more uniform sample at harvest time.

The firm smooth fields guarantee faster, easier harvesting for short crops like chickpeas, peas, lentils, lupins and soybeans. With no wheel or seeder tracks, water erosion is often reduced, and wind usually doesn't move the anchored trash.

Because the land roller presses the rocks into the ground, it speeds up harvest — you can run closer to the ground and reduce yield losses from missed pods low to the ground, without sickle section breakage or damaging combine guts. With no surface trash, there is little chance of plugging your header at harvest.

With no rock worries, field speeds can be increased—get more crop in the bin ahead of the weather.

**No more rocks wrecking \$300,000 combines!!**

### Hay Crops

Rolling hay fields in soft conditions will smooth out clumps allowing higher field speeds. Rollers punch small rocks into the sod, letting you cut closer to the base of plants. This maximizes yields and reduces sickle and cutter bar damage.

Hay growers also see less damage to cutters, crimping rolls and baler belts or knives.

If there are larger rocks in hard hay fields, the water fill option is recommended.

### Other uses

Rolling corn trash before planting breaks down root balls and firms the soil around trash. Stalks do less tire damage and less planter plugging and breakdown quicker with good soil contact.

Packing with the roller after seeding firms the seedbed for uniform emergence. Any surface trash is flattened so combines don't pick up dirt at harvest and downgrade the sample. On longer term zero tillage fields, rollers can eliminate the majority of bumps in the field for easier farming.

Many soybean growers have reported **significant yield increases** when they roll the crop after emergence. This stresses the seedlings and improves branching to increase the number of pods, leading to larger yields

### Spraying

Smooth rolled fields simplify spraying operation. The smoother ride gives more uniform chemical application, as well as reducing boom breakage. Higher field speeds mean more acres per day to keep you on time for best weed and pest control.



# Unique features separate us from the rest



Five-plex units 62 - 66 - 70 ft (62 ft. shown) still transport @ 13.5 feet. The main transport tires act as packers to fill the gap between the outer rolls in field position (patent applied for). Custom sizes are available on early order units.

## Leveling blade option. Levelers can be field installed on all units up to 52 ft



**Mole hill leveler** (patent pending) —level animal mounds (moles, gophers, ground hogs & badgers) in your hay, pasture, and crops while you're packing and burying rocks.



Diagonal braces (patent pending) prevent run ahead on slopes and provide a more durable pull than cables or chains – standard on multiplex units. They have the added benefit of keeping transport width narrow.

## PowerFold –open the machine without driving.



All multiplex units can be field upgraded to PowerFold

**PowerFold** (patent pending) option eliminates backing up or driving forward to get into field position—perfect for hooking behind your seeding train to eliminate a pass. Roll as you seed so it's done on time. Saves fuel, time, and labour.

## Water fill adds up to 550 lbs/ft

For tough jobs where extra down force is required water tight drums are available. Ag Shield supplies a 2" & a 3" fill and drain quick attach as well as a 2" vent 180 degrees away. Drain a 17 ft drum in less than 5 minutes without a pump.





# Smaller units

## 20 ft Pivot transport



The perfect unit for smaller fields or acreages. Firms 20 ft in one pass. Hydraulically pivots to 8 1/2 ft wide for moving in congested areas. This makes an ideal rental unit. Tongue

## Pasture Doctor

Quick and easy way to renovate or establish pastures and hay fields  
Don't till erodible areas to get rid of rodent mounds  
Easily peels and levels even old sodded mounds  
Interseed legume or grasses into fresh firm bare earth and firm the seed bed in one pass.  
This unit lets you add legumes to existing grass stands.



## Basic unit



A low cost way to push, level and firm smaller areas economically. Sizes from 11.5—20 ft  
Transports 1 ft wider than working width.

Field right after late leveling



Mixed hay regrowth 2 1/2 weeks after mole hills leveled



Ag Shield's industry leading narrow transport width (12.5 feet on 3 section 13.5 ft on 5 section) even on large units. You can move down the road and still have enough room to let oncoming traffic meet you comfortably. The wheels stay on the pavement, and out of the ditch.





# Built like you expect from AG SHIELD



Hydraulically operated floating hitch for safer transport really improves ground following and reduces stresses on frame—less pounding on the drawbar and the operator.



Heavy duty # 213 ductile bearings (larger than most) with 2.5 inch replaceable shafts keep you rolling. These non-welded shafts are stronger than 3" welded ones and can be easily changed in the field if required.



Highway rated wheels and tires permit fast transport—ideal for shared or rental units.



Main wheel locks are self stowing—They don't get lost when not in use.



All transport safety locks are stowed near their use in field position—always there when you're ready to move



Optional electronic acre meter is factory calibrated to read directly in acres—no charts needed. Protective housing keeps it working.



Optional light package for safer transport feature all soldered connections for long trouble free operation

**For extra WEIGHT & strength, specify special order optional 5/8" thick rollers.**

Field width	17 ft	20 ft	46 ft	62 ft	70 ft	Your size
Transport width	18 ft	8.5 ft	12.5 ft	13.5 ft	13.5 ft	
Transport length	20 ft	26 ft	40.5 ft	49 ft	53 ft	
Roll diameter	42 in	42 in	42 in	42 in	42 in	
Weight (9/16 wall)	6700lb (dry)	8,100 lb.	18,500 lb.	26,400 lb.	29,600 lb.	



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