



# ARAGON DISC TILLERS



**OzValue AG**  
MACHINERY



# ILGI Aragon Disc Tillers

The ILGI Aragon is a multi purpose tillage tool, capable of tasks from light soil tilth and stubble preparation, through to complete primary cultivation.

The Aragon's rugged design and large range of sizes, provide machines suitable for tractors from 90hp through to 500hp. With an optimum disc angle, the Aragon is able to work at speeds as high as 15kp/h. Through this feature alone, much more ground can be cultivated in a shorter period of time and using less fuel, making the machine more cost effective.



## Features

**Rubber Suspension System**

**High Quality Steel Mounting Frame**  
80 x 80 x 8mm

**Replaceable Disc**  
Standard - 510 x 4mm

**SKF Agri Hub Maintenance-Free Bearings**

**20mm Thick Tine**



## Configuration Options

### Linkage

The Aragon linkage series offers four different working widths, 2.5m, 3.0m, 3.5m and 4m. These machines are suitable for tractors between 85hp and 160hp. These machines are standard with the cage roller but can be optioned to the disc roller.

### Linkage Folding

The Aragon folding linkage range consists of 4m, 5m and 6m working width machines. These are suitable for tractors from 140hp to 250hp. The design allows all sizes to be folded to a narrow 2.8m transport width.



### Trailing

ILGI offers machines from 4m to 6m in the trailing configuration. They are available in half metre increments and all fold to a 2.8m transport width. Both the cage roller and the disc roller are available on this series. These machines suit tractors from 140hp to 250hp.



### Trailing XL

With working widths from 8 to 12 meters, The Aragon XL ensures high work rates, low fuel consumption, easy maintenance and less wear costs. Ideal for processing heavy crop residue and breaking down stubble, it delivers intense, uniform mixing and crumbling in one pass – even in heavy soil – making it an ideal primary tillage machine.





All ILGI Aragon tillage equipment now features SKF® Agri Hub Maintenance-Free Bearings



# SKF® Agri Hub

## Less maintenance, so you can plough on.

### All ILGI Aragon tillage equipment now features SKF® Agri Hub Maintenance-Free Bearings

Agri Hub is a fully integrated bearing and sealing system that provides sealing against straw, mud, fertilizer and dust. Sealed for life, these hubs reduce downtime and maintenance costs thanks to their robust design and ongoing reliability.

SKF Agri Hub is a robust unit for independent tillage discs that has been specifically developed to meet the demands from the agriculture industry for increase productivity reduced costs and care for the environment.

Modern Tillage aims to avoid soil erosion by ensuring that any mechanical tillage is carried out so the essential ecological systems and excellent crop growing

conditions are maintained. With this in mind conservative cultivation or minimum tillage of the basic soil provides the flattest possible cultivation and low soil penetration. Enabling harvest residues to remain and be integrated into the upper soil layer and enhancing resistance to soil erosion and sustain soil fertility.

These modern techniques require new tillage machines to deliver these benefits. Modern tillage now favours independent disc suspension rather than a rigid or gang frame harrows. With independent discs, machines offer distinct advantages such as increased speed, flexibility, reliability and soil turnover compared with gang mounting. The most obvious advantage is speed with independent

disc suspension allowing a higher working speed (up to 16km/h).

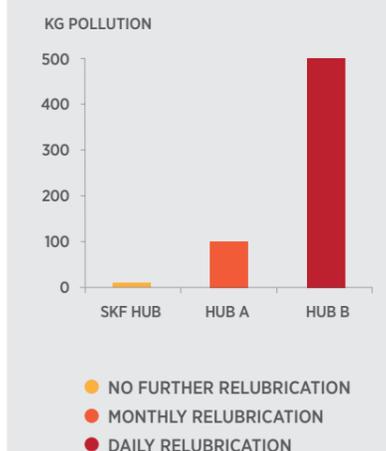
Independent disc suspension increases demands on bearings as the bearing requires the ability to support the disc against various tilting forces coming into contact with it. It's also able to repel contaminants such as mud dust and jet washing, and still enable the disc to rotate effectively during operation.

The SKF Agri Hub has been developed to deliver not only these requirements, but to also allow considerable productivity improvements. Agri Hub is fitted with a special seal that has been successfully tested in various extreme conditions, including full operation at

minus 20 degrees Celsius. This strength was proven during a successful first season of tillage in Russia without any performance problems. Best of all Agri Hub negates the need for ongoing greasing of each bearing which can run to 500kg of lubricant over the ten year life of the average machine. Plus you gain a time saving of approximately half an hour not having to wash and re-re-greasing each time. By contrast SKF Agri Hub hermetic seals ensures no lubricant loss over the life span of this 'plug and play' unit.

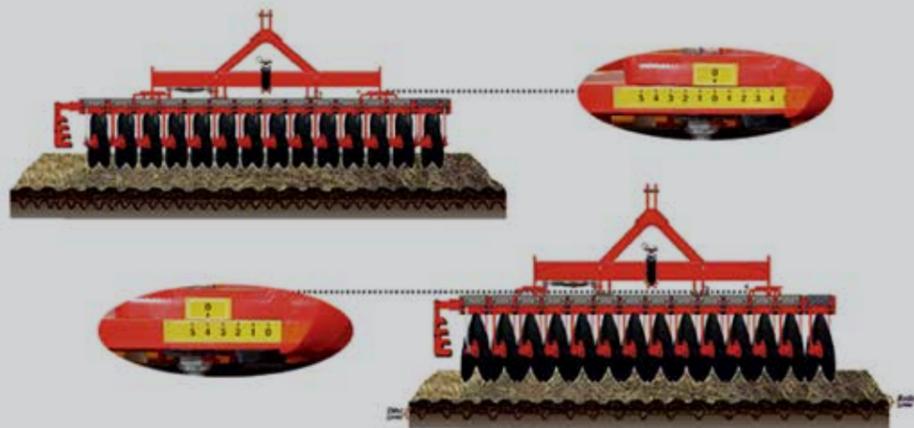
Through higher productivity, cost reductions, and ease of use, the new SKF Agri Hub plays a key role in improving modern tillage machinery.

Environmental impact of SKF Agri Hub compared with conventional hubs (10 years Life-time/Machine)



## Lateral Disc Adjustment

The Aragon Disc Tillers are equipped with a lateral disc gang adjuster. This allows the operator to move the front gang, independently of the rear gang to maximise the soil cut. This maximises the lifetime of the discs using more of the discs before having to replace them.



**Optimum Setting of the Disc Row Stagger**

## Roller Options



### Disc Roller

Composed of 5mm thick steel, the disc roller provides the best soil breakdown and a smooth consistent finish. It is equipped with adjustable scrapers to allow work in some moisture. Weighing approximately 250kg per meter, it provides great soil breakdown.



### Cage Roller

The cage roller is suited to applications where a lightly compacted soil finish is required, it leaves a level, yet less compacted finish. This roller is normally suited best to linkage machines.



### Offset Gauge

The gauge allows the operator to make quick and precise adjustments, without the need for extra measuring equipment.



### Offset Slide Mechanism

With the use of the supplied spanner, the turnbuckle makes the adjustments of the disc gang easy and precise.

## Drawbars



### Linkage Pull

The linkage pull is standard across the Aragon trailing series, it gives the benefits of a drawbar style machine, with all the features and technology of the modern three point linkage.



### Drawbar Pull

The single eye drawbar can be optioned to the Aragon trailing series for tractors that are not equipped with three point linkage. Its long design allows a single lift for turning and headlands.

## Standard Features



### Levelling Disc

The levelling disc is an additional smaller diameter disc which serves to catch and level soil thrown off the front gang to ensure a consistent pass to pass result. It is easily adjustable via two bolts with slotted holes allowing for vertical movement critical when changing digging depths.



### Roller Rubber Suspension System

Fitted on 4m models and above. The rubber suspension system acts to reduce forces acting through the frame especially in paddocks with rocks but still allows for good ground pressure to ensure that clods are broken down and a good seed bed prepared.



### Hydraulic Adjustment & Stops

All models feature a hydraulic ram fitted with a number of stops. This makes initial setup for your depth simple and consistent. Take the guess work out by adjusting your depth on the run and then once you reach your desired depth place stops in and have the knowledge that your depth will be consistent across your entire paddock.



### SKF Roller Bearings

The Aragon range is now fitted with SKF roller bearings as standard. The SKF bearing has an elaborate multiple seal system and solid housing with a machined rear face to extend the life of your bearings.



The APV Controller is easy to setup and simple to use.

#### Functions

- + Speed-independent regulation of the spread rate
- + Electronic seed rate adjustment (during operation)
- + Headland management (in combination with tractor linkage sensor)
- + Possibility for machine sensors (pressure monitor, fill level sensor)
- + Automatic calibration-test function (weight only)
- + Regulating & controlling the meter roll via the control box
- + Discharge function
- + Total hour counter and hours per day counter
- + Total hectare counter and hectares per day counter
- + Choice of different measurement units (metric, imperial)
- + Calibration test & display in kg/ha and grains/m<sup>2</sup>
- + Speed calibration
- + Manual override for preseeding application
- + Option to include calibration button
- + Option for regulating the electric fan
- + Display of the operating voltage and current

**ILGI now offer the APV Pneumatic seeders as an option allowing you to quickly cultivate and sow in one pass your pastures or crops.**

The APV's accurate seeding system with a multitude of different roller options is capable of sowing small seeds such as clovers, canola and turnips right up to grass, seeds and oats. Offered standard with the 5.2 controller system, it is simple to calibrate and automatically controls your rate as you adjust your speed. Sow at 1-6m with the electric fan and up to 12m with the hydraulic fan, the PS series seeders are sure to have a configuration to suit your needs.

Seed is distributed through the distribution plates and coupled with the roller on the ILGI machine ensures a consistent and easy sowing method.

Model	Hopper Capacity (L)	Working Width (m)
PS300	300	1-6 (with electric fan and 8 outlets) <b>OR</b>
PS500	500	1-12 (with hydraulic fan and 16 outlets)



## ILGI

### Quality Agricultural Machinery Since 1970

In a small workshop in 1970 by Mehmet İLGi, İLGi Agricultural Machines began an exciting journey. Today İLGi is a large family company manufacturing agricultural machinery in the world.

Recent rapid technological advances have been implemented by İLGi including a move into a new modern factory in 2007. Sitting on an area of 20,000m<sup>2</sup> the new plant, with a covered area of 6500 m<sup>2</sup>, is one of the industry's newest and most modern facilities. The production capacity continues to increase and continues to diversify its product offering.

Modern management and production adherence has led to İLGi achieving ISO 9000-2001 certified quality. Modern technologies are at the forefront, with computer-aided design (CAD) and production planning (ERP), computer aided manufacturing (CAM) all standard across the manufacturing facility. Plus an ongoing investment in bringing industry expertise and experience via new employees to the Company.

This manufacturing quality and the opportunity to embrace today's technologies have driven İLGi's growth throughout the world.

İLGi's goal is to have zero defect machines that exactly fulfill the desired function for the farmer. Put simply, machines that won't let you down.

With many years of experience in delivering the highest possible quality equipment, including genuine after-sales service and spare parts, İLGi continues its mission to provide complete customer satisfaction.



## Specifications

Model	Number of Discs	Working Width (m)	Transport Width (m)	Weight Cage Roller (kg)	Weight Disc Roller (kg)	Disc Diameter (mm)	Power Requirement (hp)
<b>Linkage</b>							
<b>MX 20</b>	20	2.5	2.7	1540	1940	510	85-110
<b>MX 24</b>	24	3	3.2	1710	2045	510	100-130
<b>MX 28</b>	28	3.5	3.7	1850	2390	510	110-150
<b>MX 32</b>	32	4	4.2	2650	3300	510	130-170
<b>MX-K 32</b>	32	4	2.8	2650	3300	510	130-170
<b>MX-K 36</b>	36	4.5	2.8	2840	3580	510	150-180
<b>MX-K 40</b>	40	5	2.8	3050	3815	510	160-200
<b>MX-K 44</b>	44	5.5	2.8	3210	4050	510	170-220
<b>MX-K 48</b>	48	6	2.8	3390	4355	510	180-240
<b>Trailing</b>							
<b>MX 32</b>	32	4	4.2	3750	4400	510	140-180
<b>MX-K 32</b>	32	4	2.8	3750	4400	510	140-180
<b>MX-K 36</b>	36	4.5	2.8	3940	4680	510	160-190
<b>MX-K 40</b>	40	5	2.8	4150	4915	510	170-210
<b>MX-K 44</b>	44	5.5	2.8	4300	5450	510	180-230
<b>MX-K 48</b>	48	6	2.8	4490	5450	510	190-250
<b>XL Trailing</b>							
<b>MX 72</b>	72	9.0	3.0	8078	9480	510	320-400

Specs are approximate and subject to change

# MORE COMMITMENT. LESS MONEY.

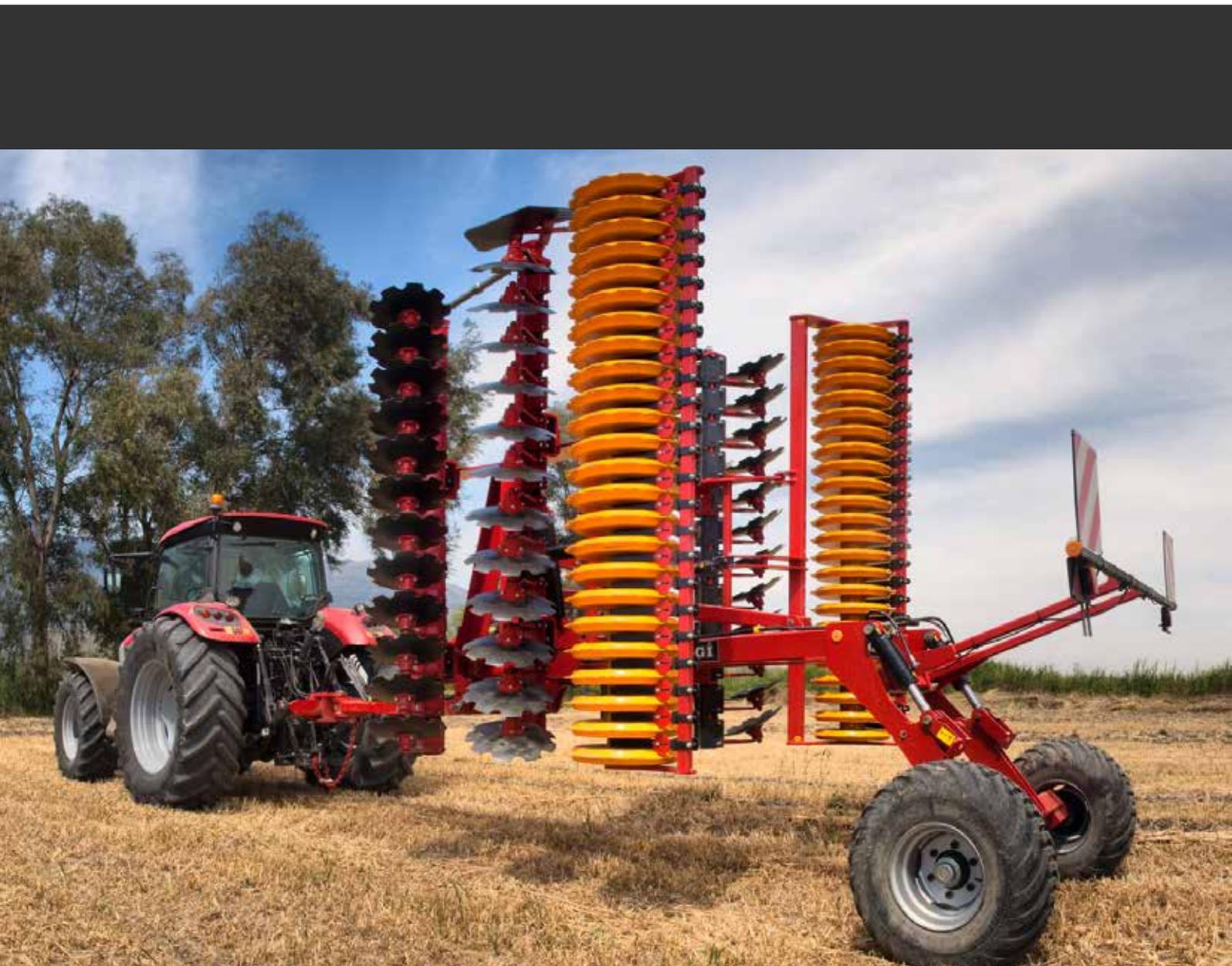


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MACHINERY

Now more than ever, farming in Australia has become highly dependent on machinery cost and reliability. This is why OzValue AG is committed to bringing the farmers of Australia, well priced quality machinery.

With an ever expanding range, the team at OzValue AG is continuing to introduce such equipment to Australia. OzValue AG is able to source machinery from manufacturers around the world and sell direct to the farmer eliminating importers and distributors.

**Put simply, this all results in a lower price for the farmer.**



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