

 **ALPLER**





ALPLER AGRICULTURAL MACHINERY is the biggest company in Turkey and is one of the few leading companies in the world in agricultural equipment sector. The company is rendering services in modern facilities established on totally 50.000 square meters area, including a closed area of 30.000m<sup>2</sup>, located in Umurlu Organized Industrial Zone. ALPLER AGRICULTURAL MACHINERY is proceeding to the future with reliance and synergy by more than 300 creative, productive and well experienced employees working with the ambition and enthusiasm to manufacture better and higher quality products day by day. By the beginning of 2011 with the new investments, the company bought two more facilities with a total area of 80.000 square meters and already started the construction to be ready by 2013 to reach a total area of 130.000 square meter.

As a means of quality control ALPLER does not allow others to influence the quality of its products, for this purpose. The company has obtained an integrated and high quality production dimension by the help of ALP ÇELİK rolling facilities established in İzmit as well as ALP CIVATA, bolt manufacturing facility affiliated to the ALPLER group. ALPLER AGRICULTURAL MACHINERY also maintains leadership in business as the only company, which manufactures all the parts and raw materials for its finished products in its own premises.

As a result of many years of experience, ALPLER AGRICULTURAL MACHINERY has the widest manufacturing and after-sales service program in Turkey; the company has adopted a customer oriented administration and Total Quality policy, and provides the farmers in Turkey, and in the world, with the possibility to select **THE SOUNDEST... THE MOST RELIABLE... THE MOST STABLE... THE MOST FAVORABLE...** ploughs. Those ploughs are provided with ease of use with all brands of tractors in every soil condition. ALPLER has also become a trademark, which is appreciated, dependable and in demand in both domestic and foreign markets.



Since 1926 ALPLER AGRICULTURAL MACHINERY has remained a private enterprise, and today the company is in its third generation of ownership by the Özalp family. Great importance is attached to integrate with worldwide advanced production technologies and researches to satisfy market needs. 3-D design & modeling programs assure trouble free production and result trouble free equipments. Much of the fabrication work involves the use of robot welders and CNC machining enabling a high degree of quality assurance to be maintained during production. Heat treatment processes also applied in our own premises and each process steps passes through quality control from delivery to final check guarantees that only excellent products send to farmers. Beside that ALPLER AGRICULTURAL MACHINERY makes production in compliance with technical requirements of the European Union and has been under management with ISO 9001 quality system since 2004.

The company has an annual production capacity of 30.000 ploughs in various types; in other words, ALPLER AGRICULTURAL MACHINERY individually can meet all plough demands in Turkey. In addition, by adopting the integrated, perfect and dynamic marketing policy, the company supplies every kind of spare parts and products through more than 300 vendors and regional warehouses all around Turkey. Also to achieve unconditional customer satisfactory, periodic regional and domestic customer visits are prepared by the company.

In its sector, ALPLER AGRICULTURAL MACHINERY is the only plant, which operates under mass production conditions in Turkey. It provides plenty of foreign exchange to Turkey through exportation to the Middle East, Africa, Turkic Republics, Asia, Europe, South America and Australia. More than 550.000 tractor ploughs are manufactured by company in the last 25 years. Today, those ploughs render services successfully at inland and abroad fields.

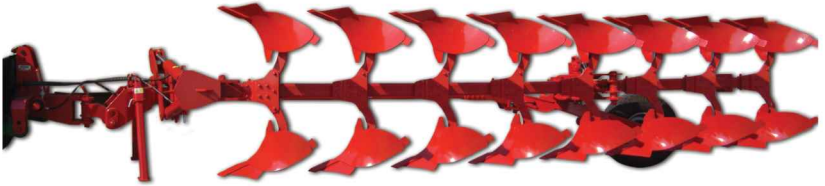
Since the first exportation activities started in 1976, now ALPLER AGRICULTURAL MACHINERY is proud to export its products to almost 50 different countries. Because of its high performance, long life and low operating cost products ALPLER AGRICULTURAL MACHINERY will continue to be the choice of professional farmers.

With aim to serve you the best for many years...

# SEMI MOUNTED REVERSIBLE PLOUGH



- ◆ Economical solution for big lands and high HP tractors.
- ◆ Various adjustments for best tractor-plough adaptation.
- ◆ With its Hydraulically controlled depth and transport wheel, the plough can easily transport on the road with complete safety.










Transport Position



Depth & Transport Wheel

## OPTIONAL PARTS

- ◆ Trash boards
- ◆ Shares with Reversible Points
- ◆ Mouldboard Extension
- ◆ Skimmer
- ◆ Deflector
- ◆ Slatted Body
- ◆ Wing Coulter
- ◆ Shear Bolt Safety
- ◆ Disc Coulters
- ◆ Bar Point Body
- ◆ F, X and V Type Mouldboard

Model	 Number of Furrows (PIECES)	 Clearance (CM)	 Distance between beams (CM)	 Working width (CM)	 Working depth (CM)	 Weight (KG)	 Power requirement (HP)
YADP 06	6	75	90	210-240-270	40	3150	170-190
YADP 07	7	75	90	245-280-315	40	3460	180-220
YADP 08	8	75	90	280-320-360	40	3760	210-250

- Upon the needs of customers we keep the right to make changes on the product specifications.

# MOUNTED REVERSIBLE PLOUGH (ON-LAND)



- ◆ Specially designe and material for stony and hardest conditions.
- ◆ On-land plowing with adjustable two position working width for reducing plough pan and less fuel consumption.
- ◆ Two safety system Hydraulic (HRP) or mechanic (MRP) with 40 cm clearance.



Depth Control Wheel



Hydraulic safety pressure adjustment

Model	Number of Furrows (PIECES)	Clearance (CM)	Distance between beams (CM)	Working width (CM)	Working depth (CM)	Weigth (KG)	Power requirement (HP)
URPH 40	4	72	90	160-180	35-50	2050	160-180
URPH 41	5	72	90	200-225	35-50	2300	180-200
URPM 40	4	72	90	160-180	35-50	1990	150-170
URPM 41	5	72	90	200-225	35-50	2225	170-190

- Upon the needs of customers we keep the right to make changes on the product specifications.

# REVERSIBLE PLOUGH

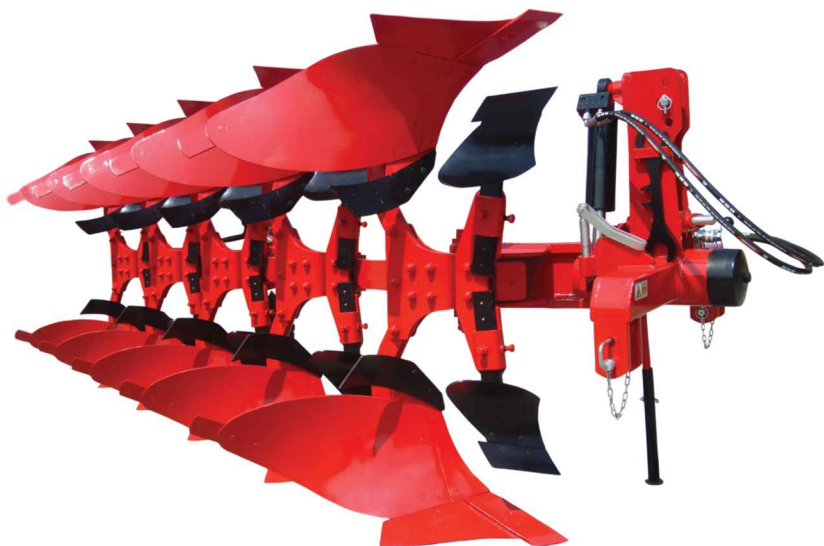
- ◆ Time savings and reduced fuel consumption.
- ◆ Three positions Mechanically (Standard) or infinitely variable hydraulic working width adjustment from tractor seat (Optional).
- ◆ Ease and speed of set-up into the work/transport position.
- ◆ For optimum use of engine power, tractor inter-tire distance adjustment (Optional).
- ◆ Optional bolt safety system.
- ◆ Various accessories and body types for different needs.
- ◆ Flanged frame to add an extension, if required.
- ◆ Ease and simple adjustments for the best tractor adaptations.
- ◆ Box section top quality steel frame construction.



120x120 Standard (DP).

100x100 mm Light Model (DPH).

140x140 mm Heavy Model (DPA).



# REVERSIBLE PLOUGH



Hydraulic working width adjustment



Tractor inter-tire distance adjustment

## OPTIONAL PARTS

- ◆ Trash Boards
- ◆ Shares with Reversible Points
- ◆ Mouldboard Extension
- ◆ Skimmer
- ◆ Deflector
- ◆ Slatted Body
- ◆ Wing Coultter
- ◆ Shear Bolt Safety
- ◆ Disc Coulters
- ◆ Bar Point Body
- ◆ Metal Depth Wheel
- ◆ Swinging Depth & Transport wheel
- ◆ F, X and V Type Mouldboard

Model	Clearance (CM)	Distance between beams (CM)	Working width (CM)	Working depth (CM)	Weight (KG)				Power requirement (HP)			
					2	3	4	5	2	3	4	5
DPH08*	70	75	18-20-22,5	20	577	707	872	1002	45-50	50-55	70-80	80-90
DPH09*	70	75	20-22,5-25	22	583	716	884	1017	45-50	50-55	70-80	80-90
DPH10*	70	75	22,5-25-27,5	24	589	725	896	1032	50-55	55-60	80-85	90-100
DPH12*	70	75	27,5-30-32,5	26	595	734	908	1047	50-55	60-70	80-90	90-110
DP12*	70	80	25-30-35	26	700	830	1110	1245	50-55	60-70	80-90	90-110
DP14*	70	80	30-35-40	28	704	840	1120	1260	55-60	60-70	85-90	90-110
DP16*	70	80	35-40-45	30	710	850	1132	1275	65-70	80-85	85-90	100-120
DP18*	70	80	40-45-50	32	716	860	1144	1290	70-80	80-90	90-110	120-130

\* When placing an order, add the number of furrows to the end of model code.

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# PROFILE CHASSIS PLOUGH

- ◆ Three positions Mechanically (Standard) or infinitely variable hydraulic working width adjustment from tractor seat (Optional).
- ◆ Box section top quality steel frame construction. 120x120 mm standard (PSP), 100x100mm light model (PSPH) and 140x140 mm heavy model (PSPA).
- ◆ Optional bolt safety system.
- ◆ Various accessories and body types for different needs.
- ◆ Flanged frame to add an extension, if required.



## OPTIONAL PARTS

- ◆ Trash boards
- ◆ Shares with Reversible Points
- ◆ Mouldboard Extension
- ◆ Skimmer
- ◆ Deflector
- ◆ Slatted Body
- ◆ Wing Coulter
- ◆ Shear Bolt Safety
- ◆ Disc Coulters
- ◆ Metal Depth Wheel
- ◆ Bar Point Body
- ◆ F, X and V Type Mouldboard



Hydraulic working width adjustment

Hydraulic Controlled Transport Tyre (OPTIONAL)

Model	Clearance (CM)	Distance between beams (CM)	Working width (CM)	Working depth (CM)	Weight (KG)						Power requirement (HP)					
					2	3	4	5	6	2	3	4	5	6		
PSP08*	70	75	18-20-22,5	20	339	452	626	750	875	40-45	45-50	60-70	70-80	80-90		
PSP09*	70	75	20-22,5-25	22	353	473	654	785	916	40-45	45-50	60-70	70-85	90-100		
PSP10*	70	75	22,5-25-27,5	24	359	482	666	800	935	45-50	50-55	70-75	80-90	100-110		
PSP12*	70	80	25-30-35	26	365	491	678	811	944	45-50	50-55	70-75	80-90	110-125		
PSP14*	70	80	30-35-40	28	371	500	690	826	962	50-55	50-55	75-80	90-100	125-135		
PSP16*	70	80	35-40-45	30	377	510	702	840	978	55-60	70-80	75-80	100-110	135-145		
PSP18*	70	80	40-45-50	32	383	520	714	855	996	60-70	75-85	80-90	110-120	145-160		

\* When placing an order, add the number of furrows to the end of model code.

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# CONVENTIONAL PLOUGH WITH SPRING SAFETY



- ◆ Non-stop trouble free plowing opportunity for stony, rooted and first time plowed lands.
- ◆ The two helical springs lets the swing out bodies re-enter the soil immediately.
- ◆ The spring pressures can be easily adjusted for each body to different soil conditions in order to obtain optimum release characteristics.
- ◆ Flanged frame to add an extension, if required.
- ◆ Mechanical or Hydraulic working width adjustment (Optional).



Hydraulic Controlled Transport Tyre



Mechanic or Hydraulic working width adjustment

### OPTIONAL PARTS

- ◆ Trash boards
- ◆ Shares with Reversible Points
- ◆ Mouldboard Extension
- ◆ Deflector
- ◆ Slatted Body
- ◆ Wing Coulter
- ◆ Metal Depth Wheel
- ◆ Bar Point Body
- ◆ F, X and V Type Mouldboard

Model												
	Clearance (CM)	Distance between beams (CM)	Working width (CM)	Working depth (CM)	Weight (KG)				Power requirement (HP)			
					2	3	4	5	2	3	4	5
OP10*	64	67	25,5	24	205	320	488	610	30-40	45-50	70-80	80-90
OP11*	64	67	27,5	24	210	330	496	625	30-40	50-55	70-85	85-95
OP12*	64	72	30	26	212	340	515	645	40-50	55-60	70-85	90-100
OP13*	64	72	32,5	28	214	350	522	655	40-50	55-60	70-85	90-100
OP14*	64	73	35	28	215	350	522	655	40-50	60-70	80-90	90-110
OP16*	64	73	37,5	30	255	400	541	700	50-60	70-80	80-90	100-110

\* When placing an order, add the number of furrows to the end of model code.

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# CONVENTIONAL PLOUGH



- ◆ Excellent plough-tractor balance.
- ◆ Simple and strong design for all land conditions.
- ◆ Big variety of working width choice for all tractor horse powers.



## OPTIONAL PARTS

- ◆ Trash boards
- ◆ Mouldboard Extension
- ◆ Deflector
- ◆ Slatted Body
- ◆ Metal Depth Wheel
- ◆ Disc Coulters
- ◆ U-Shape Lower Connection Bar
- ◆ Shares with Reversible Points
- ◆ F, X and V Type Mouldboard



U-Shape Lower Connection Bar

Model	Clearance (CM)	Distance between beams (CM)	Working width (CM)	Working depth (CM)	Weight (KG)						Power requirement (HP)					
					1	2	3	4	5	6	1	2	3	4	5	6
SP07*	60	60	22	18	108	140	198	295	350	405	20-25	20-25	30-40	35-40	50-60	60-70
SP08*	61	60	23,5	20	115	155	225	335	388	450	20-25	20-25	30-40	40-50	50-60	65-75
SP09*	62	64	24,5	22	140	200	292	438	570	702	20-25	30-40	45-50	50-60	60-70	70-80
SP10*	66	70	25,5	24	155	208	309	475	600	725	25-30	30-40	45-50	70-80	80-90	80-90
SP11*	67	71	27,5	24	156	215	318	490	617	744	25-30	30-40	50-55	70-85	85-95	90-110
SP12*	67	76	30	26	157	219	329	500	635	770	30-35	40-50	55-60	70-85	90-100	95-115
SP13*	67	77	32,5	28	158	221	334	508	650	792	30-35	40-50	55-60	70-85	90-100	105-120
SP14*	67	79	35	28	172	221	334	508	650	800	35-40	40-50	60-70	80-90	90-110	110-125
SP16*	67	81	37,5	30	188	260	392	587	743	900	40-45	50-60	70-80	80-90	100-110	125-135
SP18*	67	84	40	32	220	320	433	660	850	1040	45-50	60-70	80-90	90-100	100-120	135-150

\* When placing an order, add the number of furrows to the end of model code.

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# CONVENTIONAL PLOUGH WITH BAR POINT



- ◆ Economical solution for stony, rooted, and aggressive soil conditions.
- ◆ Cost reduction with use of high resistant bar point comparing to plain share.
- ◆ By pushing the bar point forward, getting "first day use plowing quality".



## OPTIONAL PARTS

- ◆ Trash boards
- ◆ Mouldboard Extension
- ◆ Deflector
- ◆ Slatted Body
- ◆ Wing Coulter
- ◆ Metal Depth Wheel
- ◆ Disc Coulters



U-Shape Lower Connection Bar

Model																
	Clearance (CM)	Distance between beams (CM)	Working width (CM)	Working depth (CM)	Weight (KG)						Power requirement (HP)					
					1	2	3	4	5	6	1	2	3	4	5	6
KP08*	64	59	23,5	20	130	183	266	385	451	517	25-30	35-40	40-45	60-65	70-80	80-90
KP09*	65	63	24,5	22	158	229	338	493	628	763	30-35	40-45	45-50	60-70	70-80	85-95
KP10*	65	70	25,5	24	172	242	350	511	667	823	30-35	40-45	50-60	70-80	85-90	90-100
KP11*	65	71	27,5	24	173	242	353	521	670	830	35-40	45-50	60-70	70-85	90-100	95-105
KP12*	65	76	30	26	173	249	373	562	675	837	40-50	45-50	60-70	70-85	90-100	100-120
KP13*	65	77	32,5	28	174	251	378	565	688	848	40-50	45-50	70-80	80-85	90-100	110-130
KP14*	65	79	35	28	185	251	378	570	690	855	45-50	50-60	70-80	85-95	100-110	120-140
KP16*	70	82	37,5	30	205	291	448	630	845	910	50-60	60-70	80-90	90-100	110-120	140-160

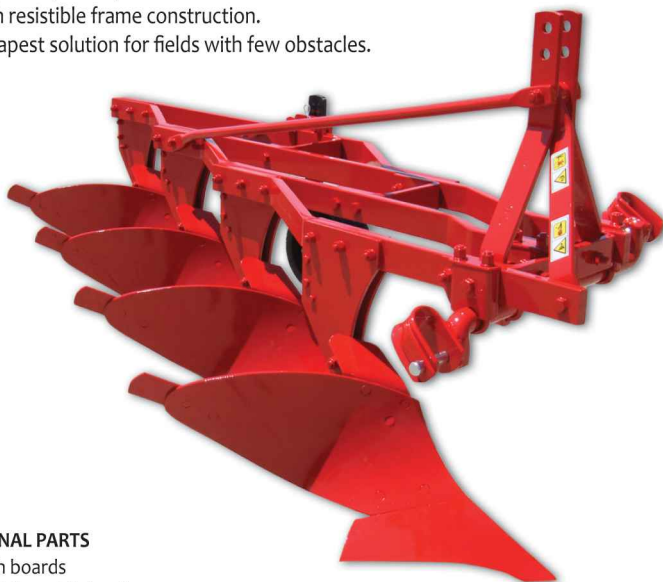
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# CONVENTIONAL PLOUGH WITH BOLT SAFETY

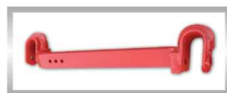


- ◆ PP ploughs are equipped with bolt safety system preventing any damage on the tractor and on the plough caused by overloading.
- ◆ Easy and quick replacement of the cracked bolt to allow work to continue.
- ◆ High resistible frame construction.
- ◆ Cheapest solution for fields with few obstacles.



## OPTIONAL PARTS

- ◆ Trash boards
- ◆ Mouldboard Extension
- ◆ Deflector
- ◆ Slatted Body
- ◆ Shares with Reversible Points
- ◆ Metal Depth Wheel
- ◆ Bar Point Body



U-Shape Lower Connection Bar

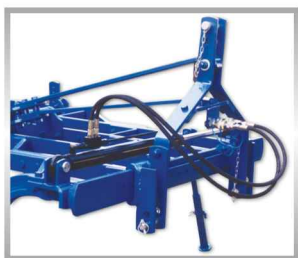
Model														
	Clearance (CM)	Distance between beams (CM)	Working width (CM)	Working depth (CM)	Weigh (KG)					Power requirement (HP)				
					2	3	4	5	6	2	3	4	5	6
PP08*	60	58	23,5	20	160	249	367	470	573	20-25	30-40	40-50	50-60	60-70
PP09*	60	59	24,5	22	162	251	371	490	609	30-40	45-50	50-60	60-70	70-80
PP10*	64	67	25,5	24	205	320	488	610	732	30-40	45-50	70-80	80-90	85-95
PP11*	64	67	27,5	24	210	330	496	625	754	30-40	50-55	70-85	85-95	95-105
PP12*	64	72	30	26	212	340	515	645	775	40-50	55-60	70-85	90-100	100-110
PP13*	64	72	32,5	28	214	350	522	655	788	40-50	55-60	70-85	90-100	110-120
PP14*	64	73	35	28	215	350	522	655	799	40-50	60-70	80-90	90-110	120-130
PP16*	64	73	37,5	30	255	400	541	700	859	50-60	70-80	80-90	100-110	130-140

\* When placing an order, add the number of furrows to the end of model code.

- Upon the needs of customers we keep the right to make changes on the product specifications.

# VINEYARD ORCHARD PLOUGH








- ◆ Manual (Standard) or Hydraulic (optional) mechanism for shifting the plough easily closer to the trees and fences.
- ◆ Permanent low working depth by metal wheel preventing the roots to be damaged.



Hydraulic shifting mechanism

## OPTIONAL PARTS

- ◆ Mouldboard Extension
- ◆ Deflector
- ◆ Shear Bolt Safety
- ◆ Metal Depth Wheel
- ◆ Hydraulic Shifting Mechanism








Model	 Number of Furrows (PIECES)	 Clearance (CM)	 Distance between beams (CM)	 Working width (CM)	 Working depth (CM)	 Weight (KG)	 Power requirement (HP)
BP63	3	62	50	90	20	237	25-30
BP64	4	62	50	120	20	323	30-40
BP65	5	62	50	150	20	410	40-50
BP66	6	62	50	180	20	479	50-60

- Upon the needs of customers we keep the right to make changes on the product specifications.

# MICRO PLOUGH

- ◆ Indispensable assistant for professional and weekend hobby farmers.
- ◆ Light yet reinforced material construction.
- ◆ Appropriate hitching bar for all kinds of tractors (CAT 1).










Model	 Number of Furrows (PIECES)	 Clearance (CM)	 Distance between beams (CM)	 Working width (CM)	 Working depth (CM)	 Weight (KG)	 Power requirement (HP)
MP 041	1	47	43	23	16	40	17-20
MP 042	2	47	43	46	16	70	17-20
MP 043	3	47	43	69	16	116	17-30
MP 044	4	47	43	92	16	140	20-30
MP 045	5	47	43	115	16	207	30-45

- Upon the needs of customers we keep the right to make changes on the product specifications.

# MICRO GARDEN PLOUGH

- ◆ Indispensable assistant for professional and weekend hobby farmers.
- ◆ Light yet reinforced material construction.
- ◆ Appropriate hitching bar for all kinds of tractors (CAT 1).



Model	 Number of Furrows (PIECES)	 Clearance (CM)	 Distance between beams (CM)	 Working width (CM)	 Working depth (CM)	 Weight (KG)	 Power requirement (HP)
MPB 042	2	47	43	46	16	130	15-20
MPB 043	3	47	43	69	16	168	20-25
MPB 044	4	47	43	92	16	229	25-35
MPB 045	5	47	43	115	16	267	35-50






- Upon the needs of customers we keep the right to make changes on the product specifications.

# FURROW OPENER PLOUGH



- ◆ Reinforced body and special design frame.
- ◆ Easy and effortless adjustable furrow width.
- ◆ Ability to open deep and wide furrow at one pass.
- ◆ Indispensable assistant for irrigation and drainage work.



Model	 Clearance (CM)	 Furrow width (CM)	 Working depth (CM)	 Weight (KG)	 Power requirement (HP)
KAP14	73	60-90	36	195	60-70
KAP18	76	65-95	40	200	80-90
KAP22	80	70-100	44	285	90-100

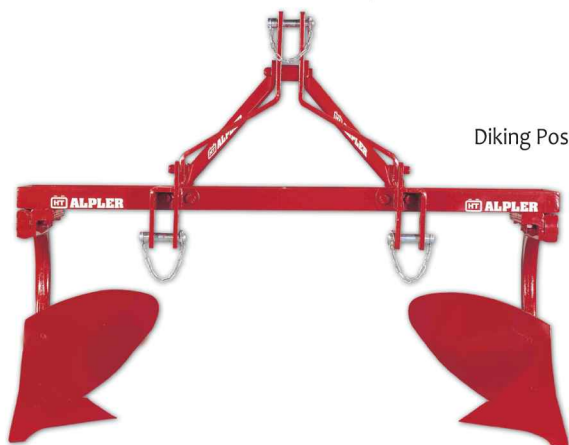
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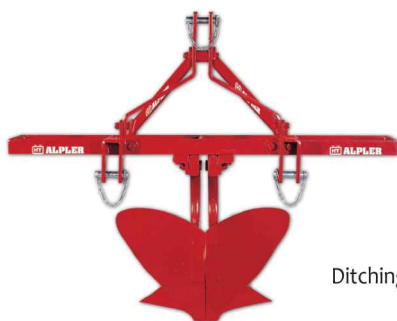
# DITCHER PLOUGH



- ◆ Furrow opening and diking possibility with same plough by positioning the bodies.
- ◆ Adjustable dike width.
- ◆ Optional rear compressor plates to obtain firmer ridges.



Diking Position



Ditching position

Model	Clearance (CM)	Distance between beams (CM)	Dike Width (CM)	Dike Height (CM)	Ditch Width (CM)	Ditch depth (CM)	Weigth (KG)	Power requirement (HP)
SKP 10 (Angle Chassis)	70	90-103-122-142-162	29-48-68-88	40	84	40	220	30-40
SKP 12 (Angle Chassis)	70	90-103-122-142-162	21-40-60-80	40	92	40	250	40-50
SKP 14 (Angle Chassis)	72	90-103-122-142-162	13-32-52-72	45	100	45	260	50-60
SKP 16 (Angle Chassis)	75	90-103-122-142-162	24-44-64	50	110	50	280	60-80
SKP 18 (Square Tube Chassis)	80	114-130-150-170	20-40-60-80-100	60	120	60	340	80-90
SKP 20 (Square Tube Chassis)	85	114-130-150-170	20-40-60-80-100	70	130	70	360	90-110

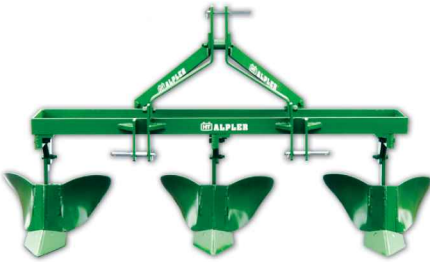
- Upon the needs of customers we keep the right to make changes on the product specifications.



- ◆ Opportunity to open several furrows in one pass.
- ◆ Adjustable furrow width and dike height.
- ◆ Your new assistant for irrigation systems.
- ◆ Depth control tyre optional
- ◆ Optional rear compressor plates to obtain firmer ridges.



RPA



RP



Rear Compressor Plates (Optional)

Model	Number of Furrows (PIECES)	Clearance (CM)	Distance between beams (CM)	Ditch Bottom Width (CM)	Ditch Width (CM)	Ditch Depth (CM)	Weight (KG)	Power requirement (HP)
RP03	3	60	60-95 (5 cm interval)	25	34-40-46	20-35	275	40-55
RP04	4	60	60-95 (5 cm interval)	25	34-40-46	30-35	370	55-65
RP05	5	60	60-95 (5 cm interval)	25	34-40-46	20-35	457	65-80
RPA03	3	65	70-90	25	34-40-46	20-35	450	50-60
RPA04	4	65	70-90	25	34-40-46	20-35	520	60-80
RPA05	5	65	70-90	25	34-40-46	20-35	620	80-90







- Upon the needs of customers we keep the right to make changes on the product specifications.

# DIRECT FERTILIZER MACHINE



- ◆ Ease and simple row opening and fertilizing by single pass.
- ◆ Adjustable furrow width and dike height.
- ◆ Adjustable furrow spacing.
- ◆ Good clearance for safe working in high crop fields.
- ◆ Thanks to the sieve placed into the box for preventing any blockage in the fertilizer pipes.



Model	 Number of Furrows (PIECES)	 Clearance (CM)	 Distance between beams (CM)	 Working width (CM)	 Weight (KG)	 Power requirement (HP)
GM03	3	72	65-85	200	370	60-80
GM05	5	72	65-85	390	525	80-100

- Upon the needs of customers we keep the right to make changes on the product specifications.

# CHISELL PLOUGH










- ◆ Specially alloyed steel casting legs unique designed to get the most convenient penetration angle for maximum efficiency.
- ◆ Opportunity to work different widths with adjustable legs.
- ◆ Reversible shares made of special steel and processed with heat treatment.
- ◆ Strong main frame from 100x100mm for CP and 120x120mm for CPA model.
- ◆ Bolt secured legs.



Roller

## OPTIONAL PARTS

- ◆ Roller

Model	 Number of Tines (PIECES)	 Clearance (CM)	 Distance between beams (CM)	 Working width (CM)	 Working depth (CM)	 Weight (KG)	 Power requirement (HP)
CP 005	5	62	30	150	45	328	50-60
CP 007	7	62	30	210	45	418	60-80
CP 009	9	62	30	270	45	516	80-90
CP 011	11	62	30	330	45	689	90-100
CP 013	13	62	30	390	45	790	100-110
CP 015	15	62	30	450	45	900	120-140
CPA 05	5	74	30	150	60	550	70-80
CPA 07	7	74	30	210	60	725	80-90
CPA 09	9	74	30	270	60	880	90-110
CPA 11	11	74	30	330	60	1060	110-130
CPA 13	13	74	30	390	60	1240	130-150
CPA 15	15	74	30	450	60	1450	150-170

- Upon the needs of customers we keep the right to make changes on the product specifications.

# SUBSOILER



- ◆ Share economy with two sided reversible points.
- ◆ Depth adjustment option.
- ◆ Leg Bullets standart with 10 cm diameter.



Easy working depth adjustment



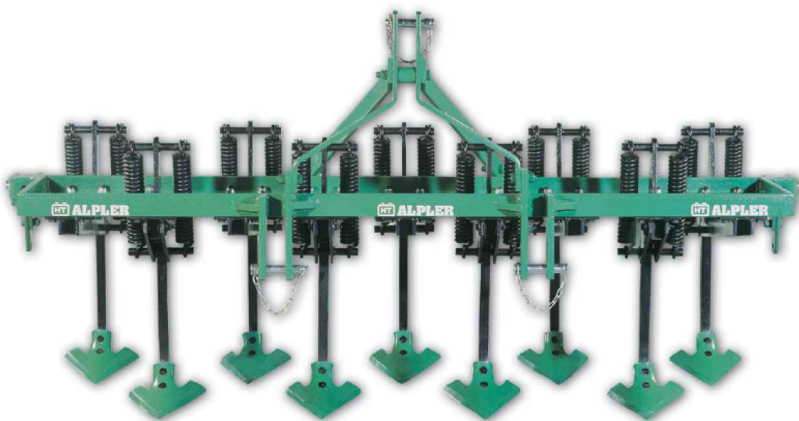
Model	Number of Tines (PIECES)	Clearance (CM)	Distance between beams (CM)	Working depth (CM)	Weight (KG)	Power requirement (HP)
DK 01	1	63-85	-	55-75	440	70-80
DK 02	2	63-85	80-160	55-75	480	90-100
DK 03	3	63-85	40-60-80	55-75	520	110-120
DK 05	5	63-85	40	55-75	600	150-160
DK 07	7	63-85	20	55-75	680	180-200

- Upon the needs of customers we keep the right to make changes on the product specifications.

# SPRING CULTIVATOR



- ◆ Different share types for different solutions.
- ◆ Thanks to the springs vibrations for safe working opportunity.
- ◆ Due to the vibrations, reduction of traction force.
- ◆ Good clearance for trashy conditions where the quantity of trash may otherwise cause blockage.
- ◆ Greasable bushes made from special material.



Roller



Reversible Cultivator Point

### OPTIONAL PARTS

- ◆ Roller
- ◆ Reversible Cultivator Point

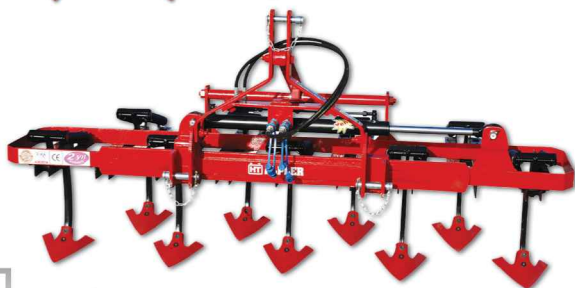
Model	Number of Tines (PIECES)	Clearance (CM)	Distance between beams (CM)	Working width (CM)	Working depth (CM)	Weight (KG)	Power requirement (HP)
AKL 005	5	62	25	125	15	280	40-50
AKL 007	7	62	25	175	15	370	50-60
AKL 009	9	62	25	225	15	460	60-70
AKL 011	11	62	25	275	15	545	70-80
AKL 013	13	62	25	325	15	640	80-100
AKL 015	15	62	25	375	15	790	100-120

- Upon the needs of customers we keep the right to make changes on the product specifications.

# SPRING CULTIVATOR (Light Model)



- ◆ Different share types for different solutions.
- ◆ Thanks to the springs vibrations for safe working opportunity.
- ◆ Due to the vibrations, reduction of traction force.
- ◆ Greasable bushes made from special material.
- ◆ Hydraulic mechanism (Optional) for shifting the Cultivator easily closer to the trees and fences.



Hydraulic Shifting Mechanism



Reversible Cultivator Point

## OPTIONAL PARTS

- ◆ Reversible Cultivator Point

Model	Number of Tines (PIECES)	Clearance (CM)	Distance between beams (CM)	Working width (CM)	Working depth (CM)	Weight (KG)	Power requirement (HP)
MKL 005	5	45	25	125	10	177	30-35
MKL 007	7	45	25	175	10	240	40-45
MKL 009	9	45	25	225	10	300	45-50
MKL 011	11	45	25	275	10	370	50-60
MKL 013	13	45	25	325	10	440	60-80

- Upon the needs of customers we keep the right to make changes on the product specifications.

# SPRING TINE CULTIVATOR



- ◆ 5 Tines with additional support all manufactured from special steel.
- ◆ Different share types for different solutions.
- ◆ Due to the vibrations, reduction of traction force.
- ◆ Good clearance for trashy conditions where the quantity of trash may otherwise cause blockage.



Reversible Cultivator Point

## OPTIONAL PARTS

- ◆ Reversible Cultivator Point

Model	Number of Tines (PIECES)	Clearance (CM)	Distance between beams (CM)	Working width (CM)	Working depth (CM)	Weight (KG)	Power requirement (HP)
SKL 007	7	53	25	150	10	130	30-40
SKL 009	9	53	25	200	10	160	40-50
SKL 011	11	53	25	250	10	187	50-60
SKL 013	13	53	25	300	10	219	60-70
SKL 015	15	53	25	350	10	255	70-80

- Upon the needs of customers we keep the right to make changes on the product specifications.



# DISC PLOUGH



- ◆ 20-30 % fuel economy in comparison with mouldboard ploughs.
- ◆ Standard 660 mm or 710 mm optional discs made from Boron Steel with special concavity.
- ◆ Adjustable disc position angle (vertical 3 positions, lateral 5 positions) for use in tough or soft soil conditions.
- ◆ 5 level disc penetration angle and 3 level disc position adjustment.
- ◆ Excellent solution for rooty, sticky or abrasive soil.
- ◆ Flanged frame to add an extension, if required.
- ◆ Adjustable and replaceable scrapers not only for cleaning also for overturning.
- ◆ Heavy duty rear furrow wheel from hardened steel, spring loaded, full adjustable vertically and laterally, with additional cast weightenings.
- ◆ Steel Bearing housings to assure trouble free long operation life.
- ◆ Adjustment arm for best tractor- plough alignment.



Adjustment arm



Disc penetration adjustment



Disc position adjustment



Model	Number of Discs (PIECES)	Disc Diameter (MM)	Clearance (CM)	Working width (CM)	Working depth (CM)	Weight (KG)	Power requirement (HP)
DIP02	2	660	68	50-60-70	26	360	40-50
DIP03	3	660	68	70-85-100	26	480	50-60
DIP04	4	660	68	90-110-130	26	580	60-80
DIP05	5	660	68	110-135-160	26	680	80-90
DIP06	6	660	68	130-160-190	26	770	90-110








- Upon the needs of customers we keep the right to make changes on the product specifications.

# MOUNTED X TYPE DISC HARROW



- ◆ Manual or Hydraulic (optional) mechanism for shifting the disc harrow easily closer to the trees and fences.
- ◆ Spacers and bearing housings made from steel for trouble free long working life.
- ◆ High resistible, heat treated discs notched at front and plain at rear or alternated.
- ◆ Easy gang angling adjustment with locking device.
- ◆ Increased inter-disc spacing and disc scrapers preventing trash built up.



Model	 Number of Discs (PIECES)	 Disc Diameter (MM)	 Disc spacing (CM)	 Working width (CM)	 Working depth (CM)	 Weight (KG)	 Power requirement (HP)
AXD20-460	20	460	19	190	10	620	35-45
AXD24-460	24	460	19	228	10	665	40-50
AXD28-460	28	460	19	266	10	752	50-65
AXD32-460	32	460	19	304	10	797	65-85
AXD36-460	36	460	19	342	10	834	85-100
AXD20-510	20	510	19	190	15	645	40-50
AXD24-510	24	510	19	228	15	700	50-65
AXD28-510	28	510	19	266	15	790	65-85
AXD32-510	32	510	19	304	15	840	85-100
AXD36-510	36	510	19	342	15	885	100-120

- Upon the needs of customers we keep the right to make changes on the product specifications.

# MOUNTED & TRAILED V TYPE DISC HARROW



- ◆ High resistible, heat treated discs notched at front and plain at rear or alternated.
- ◆ Easy gang angling adjustment with locking device.
- ◆ Increased inter-disc spacing and disc scrapers preventing trash built up.
- ◆ For heavy and hard land conditions optional weight bullets for better penetration.
- ◆ Spacers and bearing housings made from steel for trouble free long working life.



Model	Number of Discs (PIECES)	Disc Diameter (MM)	Disc spacing (CM)	Working width (CM)	Working depth (CM)	Weight (KG)	Power requirement (HP)
DHV16-610	16	610	23	184	20	980	50-60
DHV18-610	18	610	23	207	20	1050	60-70
DHV20-610	20	610	23	230	20	1120	70-80
DHV22-610	22	610	23	253	20	1260	80-90
DHV24-610	24	610	23	276	20	1330	90-100
DHV26-610	26	610	23	299	20	1400	100-110
DHV28-610	28	610	23	322	20	1470	110-120
DHV30-610	30	610	23	345	20	1540	120-130
DHV32-610	32	610	23	368	20	1650	130-140
DHV20-510	20	510	19	190	15	765	50-60
DHV22-510	22	510	19	209	15	800	55-65
DHV24-510	24	510	19	228	15	830	60-70
DHV26-510	26	510	19	247	15	865	65-75
DHV28-510	28	510	19	266	15	900	70-80
DHV30-510	30	510	19	285	15	940	80-90
DHV32-510	32	510	19	304	15	980	90-100

- Upon the needs of customers we keep the right to make changes on the product specifications.

# TRAILED V TYPE HEAVY DISC HARROW



- ◆ High resistible, heat treated discs notched at front and plain at rear or alternated.
- ◆ Transport tyres also ensure optimum working depth control.
- ◆ Ease and speed of set-up into the work/transport position.
- ◆ Easy gang angling adjustment with locking device standart manual or Hdroulic (Optional).
- ◆ Increased inter-disc spacing and disc scrapers preventing trash built up.
- ◆ Hydraulic folding to reduce the transport widt for easy and safe transportation.
- ◆ Spacers and bearing housings made from steel for trouble free long working life.



Model	Number of Discs (PIECES)	Disc Diameter (MM)	Disc spacing (CM)	Working width (CM)	Working depth (CM)	Weigh (KG)	Power requirement (HP)
CDHV16	16	610	23	184	20	1740	60-70
CDHV18	18	610	23	207	20	1810	70-80
CDHV20	20	610	23	230	20	1880	80-90
CDHV22	22	610	23	253	20	1950	90-100
CDHV24	24	610	23	276	20	2120	100-110
CDHV26	26	610	23	299	20	2190	110-120
CDHV28	28	610	23	322	20	2260	120-130
CDHV30	30	610	23	345	20	2330	130-140








- Upon the needs of customers we keep the right to make changes on the product specifications.

# TRAILED V TYPE HEAVY DISC HARROW (FOLDING)

HT

- ◆ High resistible, heat treated discs notched at front and plain at rear or alternated.
- ◆ Transport tyres also ensure optimum working depth control.
- ◆ Ease and speed of set-up into the work/transport position.
- ◆ Easy gang angling adjustment with locking device standart manual or Hdroulic (Optional).
- ◆ Increased inter-disc spacing and disc scrapers preventing trash built up.
- ◆ Hydraulic folding to reduce the transport widt for easy and safe transportation.
- ◆ Spacers and bearing housings made from steel for trouble free long working life.
- ◆ Hydraulic folding to reduce the transport widt for easy and safe transportation for 32 disc and more.



Model	 Number of Discs (PIECES)	 Disc Diameter (MM)	 Disc spacing (CM)	 Working width (CM)	 Working depth (CM)	 Weight (KG)	 Power requirement (HP)
CDHV 32	32	610	23	368	20	3180	140-150
CDHV 34	34	610	23	391	20	3250	150-160
CDHV 36	36	610	23	414	20	3360	160-170
CDHV 38	38	610	23	437	20	3430	170-180
CDHV 40	40	610	23	460	20	3500	180-200
CDHV 44	44	610	23	506	20	3640	200-220
CDHV 48	48	610	23	552	20	3780	220-240
CDHV 52	52	610	23	598	20	3920	240-260
CDHV 56	56	610	23	644	20	4060	260-280
CDHV 60	60	610	23	690	20	4200	280-300








- Upon the needs of customers we keep the right to make changes on the product specifications.

# TRAILED X TYPE HEAVY DISC HARROW



- ◆ High resistible, heat treated discs notched at front and plain at rear or alternated.
- ◆ Transport tyres also ensure optimum working depth control.
- ◆ Ease and speed of set-up into the work/transport position.
- ◆ Easy gang angling adjustment with locking device standart manual or Hdroulic (Optional).
- ◆ Increased inter-disc spacing and disc scrapers preventing trash built up.
- ◆ Spacers and bearing housings made from steel for trouble free long working life.



Model	 Number of Discs (PIECES)	 Disc Diameter (MM)	 Disc spacing (CM)	 Working width (CM)	 Working depth (CM)	 Weigth (KG)	 Power requirement (HP)
CDHX20	20	610	23	250	22	1660	80-90
CDHX24	24	610	23	300	22	1920	100-110
CDHX28	28	610	23	350	22	2120	120-130

- Upon the needs of customers we keep the right to make changes on the product specifications.

# TRAILED X TYPE DISC HARROW



- ◆ Hydraulically controlled transport Tyres.
- ◆ High resistant, heat treated discs notched at front and plain at rear or alternated.
- ◆ Transport tyres also ensure optimum working depth control.
- ◆ Ease and speed of set-up into the work/transport position.
- ◆ Easy gang angling adjustment with locking device standard (Manual) or Hydraulic (Optional).
- ◆ Increased inter-disc spacing and disc scrapers preventing trash built up.
- ◆ Spacers and bearing housings made from steel for trouble free long working life.



Model	Number of Discs (PIECES)	Disc Diameter (MM)	Disc spacing (CM)	Working width (CM)	Working depth (CM)	Weight (KG)	Power requirement (HP)
CDHLX20	20	460	19	190	10	900	40-60
CDHLX24	24	460	19	228	10	960	60-70
CDHLX28	28	460	19	266	10	1020	70-80
CDHLX32	32	460	19	304	10	1060	80-100
CDHLX36	36	460	19	342	10	1120	100-120





- Upon the needs of customers we keep the right to make changes on the product specifications.

# REAR BLADE (Light Model)



- ◆ Heat treated reversible and replaceable cutting edge.
- ◆ Single or dual depth control tires for precision grading (Optional).
- ◆ Standard parking stand for easy mounting and safety.
- ◆ Easy blade rotation adjustment.



Model	 Working width (CM)	 Scraper height (CM)	 Weight (KG)	 Power requirement (HP)
TKL100	100	55	164	15-25
TKL120	120	55	175	15-25
TKL140	140	55	201	15-25
TKL160	160	55	210	25-35
TKL180	180	55	221	25-35
TKL200	200	55	231	35-50
TKL220	220	55	241	40-50
TKL240	240	55	251	50-60
TKL250	250	55	259	50-60
TKL300	300	55	310	60-80

- Upon the needs of customers we keep the right to make changes on the product specifications.



# REAR BLADE

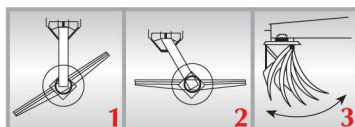


- ◆ Capable of tackling tough scraping projects.
- ◆ Heat treated reversible and replaceable cutting edge.
- ◆ Single or dual depth control tires for precision grading (Optional).
- ◆ Standard parking stand for easy mounting and safety.
- ◆ Easy offset, angle and blade rotation adjustment.



Depth Control Tires

Blade rotation      Offset adjustment      Take-angle adjustment



Chassis (mm): 150x100x6,3

Model	Working width (CM)	Scraper height (CM)	1	2	3	Weight (KG)	Power requirement (HP)
TKH 200	200	70	HYDROULIC	HYDROULIC	MECHANIC	720	40-60
TKH 250	250	70	HYDROULIC	HYDROULIC	MECHANIC	760	50-70
TKH 300	300	70	HYDROULIC	HYDROULIC	MECHANIC	800	60-80
TK 200	300	70	MECHANIC	-	-	455	40-60
TK 250	300	70	MECHANIC	-	-	500	50-70
TK 300	300	70	MECHANIC	-	-	545	60-80






- Upon the needs of customers we keep the right to make changes on the product specifications.

# LASER CONTROLLED LEVELER MACHINE



- ◆ Zero, single or double slope working options.
- ◆ Box section top quality steel frame construction.
- ◆ Special heat treated steel double side share with unique design to get the most convenient penetration angle for maximum efficiency.
- ◆ Rugged design laser equipment are built to be strong and job-site tough. The mechanical / optical unit is mounted in sealed water proof aluminum housing, in fact the laser will run if submerged 3 m.
- ◆ The housing has an integrated handle for ease of handling.
- ◆ Operating instructions booklet and movie (English).



Model	 Transport width (M)	 Working width (M)	 Overall length (M)	 Weight (KG)	 Power requirement (HP)
LTM 250 A	2,5	2,5	5	1800	70-90
LTM 300 A	3	3	5	1950	90-110
LTM 300	2,5	3	5	2350	90-110
LTM 350	2,5	3,5	5	2400	100-110
LTM 400	2,5	4	5	2450	110-120
LTM 450	3	4,5	5	2500	110-135
LTM 500	3	5	5	2550	135-160
LTM 550	3,5	5,5	5	2700	160-180
LTM 600	3,5	6	5,5	3500	180-200

- Upon the needs of customers we keep the right to make changes on the product specifications.



Light yet strong, easily installing tribod



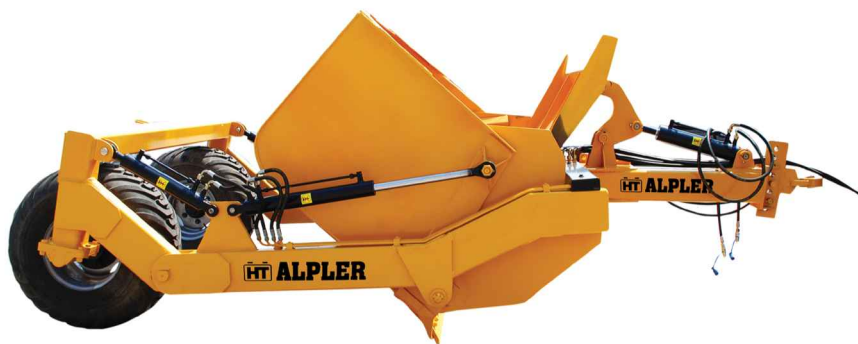
All laser equipments are supplied in a sturdy carrying case. The case is compact so it can be stowed under or behind your seat; you do not have to worry about wear and tear as the laser is well protected by the case.






## TECHNICAL SPECIFICATIONS OF THE LASER SYSTEM

WORKING RANGE	800 mt. Radius total 1600 mt
ACCURACY	5mm/100mt
AUTOMATIC LEVELING RANGE	$\pm 18\%$ ( $\pm 10^\circ$ )
GRADE ADJUSTMENT RANGE X-AXIS	From -10% To +12%
GRADE ADJUSTMENT RANGE Y-AXIS	From -10% To +10%
ROTATIONAL SPEED	From 0 To 900 rpm
LASER/OPTICS	VD
DIODE	635 nm
MAXIMUM OUTPUT	<5mW
BEAM DIAMMETER	12 mm
LASER CLASS	CLASS 3 A
BATTERY	7.2 V Makita™ type 1.4 Ah
FULL CHARGE	LESS THAN ONE HOUR
APROXIMATE OPERATING TIME	20 HOURS
WATER RESISTANT	YES (IP68)
DIMENSIONS	17x17x24 cm
WEIGHT	5 Kgs.

# BOX LEVELER MACHINE

- ◆ Your economic partner for land leveling applications.
- ◆ Continuous, ease and fast loading and unloading possibilities by separate hydraulic adjustments.



Model	 Working width (CM)	 Box capacity (M <sup>3</sup> )	 Transport position height (CM)	 Weight (KG)	 Power requirement (HP)
KTM	215	2,5	25	2100	90-110

- Upon the needs of customers we keep the right to make changes on the product specifications.

## Trash Boards



Improve covering of heavy stubble and stalks. They have better clearance between the bodies when compared with skimmers and adjustment is not as critical.

## Skimmer



For effective burial of stubble, straw, grass and weeds etc. Their working depth can easily and quickly be set by pin.

## Shares with Reversible Points



The most cost effective share system produced from Heat Treated Boron steels for hard and abrasive conditions with ease of replacement.

## Skimmer



For effective burial of stubble, straw, grass and weeds etc. Their working depth can easily and quickly be set by pin.

## Mouldboard Extension



For a better control of the slice when plowing heavy sod.

## Metal Depth Wheel



For uneven land conditions to keep the working depth constant and eliminating any adjustment with the depth control lever on the tractor. Two sizes are available with 440 mm and 500mm diameter.

## A-Type Mouldboard



For heavy soil and areas covered with residue, ensures a partly broken furrow with excellent trash burial.

## E-Type Mouldboard



Less breaking effect but optimum for wet, heavy and difficult meadows.

## X-Type Mouldboard



Less breaking effect but optimum for wet, heavy and difficult meadows.

## V-Type Mouldboard



For light and easy breaking soil use. It is best for well broken finish.

## Deflector



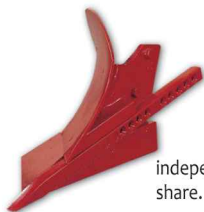
For trash control in difficult conditions where the quantity of trash may otherwise cause blockage.

## Slatted Body (F-Type)



Recommended for sticky soils, with scouring problems. The strips are individually exchangeable. It gives a reduction of traction force due to lower mouldboard surface area.

## Bar Point Body



Economical for stony and abrasive soils, the bar point is adjustable to make possible to deepen the point independently from the share.

## Disc Coulters



Plain or notched 500 mm diameter discs cuts the furrow wall in front of the plough body for neater finish and improving trash incorporation.



## Shear Bolt Safety



Most useful and inexpensive solution for few obstacles, replacing the new shear bolt is quick and easy.

## Swinging Depth & Transport Wheel



Tires with strong fabric lining can be used as both depth wheel and for road transportation. Recommended for ploughs of four furrows and more.

## Roller



Roller allows to break the clods.

## Wing Coulters



To prevent blockage from trash or stons and to reduce the landside wear.

ALPLER AGRICULTURE MACHINERY is proud to export its products to more than 55 different countries.



**HT ALPLER**

**ALPLER AGRICULTURAL MACHINERY**

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All the data concerning the equipments, the general appearance, accesories, the weight and dimensions may vary according to countries. They maybe modified without previous notice.