



# **ALPLER** AGRICULTURAL MACHINERY *since 1926...*



**PRODUCT CATALOGUE**









ALPLER AGRICULTURAL MACHINERY is the largest agricultural machinery producer in Turkey, and is one of the few leading companies in the world in the agricultural equipment sector. The company is operating in its modern facilities, established on a total area of 120.000 square meters located in Organized Industrial Zone of Aydin. ALPLER AGRICULTURAL MACHINERY is marching into the future with reliance on the synergy created by its more than 400 creative, productive and well experienced employees, working with the ambition and enthusiasm to manufacture better and higher quality products day by day.

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 it equipment to the farmers in Turkey, throughout its more than 300 dealers all around the country. Today ALPLER exports its products to 70 different countries in 5 different continents all around the World.

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 integration with worldwide advanced production technologies and research to satisfy market needs. 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. Additionally ALPLER AGRICULTURAL MACHINERY conducts its operations in compliance with the technical requirements of the European Union, and has been operating under the ISO 9001 quality system since 2004.

In its sector, ALPLER AGRICULTURAL MACHINERY is the only plant which operates IN-HOUSE production conditions in Turkey with custom design equipment for different needs of individual soil conditions for domestic and foreign fields.

Because of its high performance, long life and low operating cost products ALPLER AGRICULTURAL MACHINERY will continue to be the choice of professional farmers worldwide.

Aiming to serve you the best for many years...



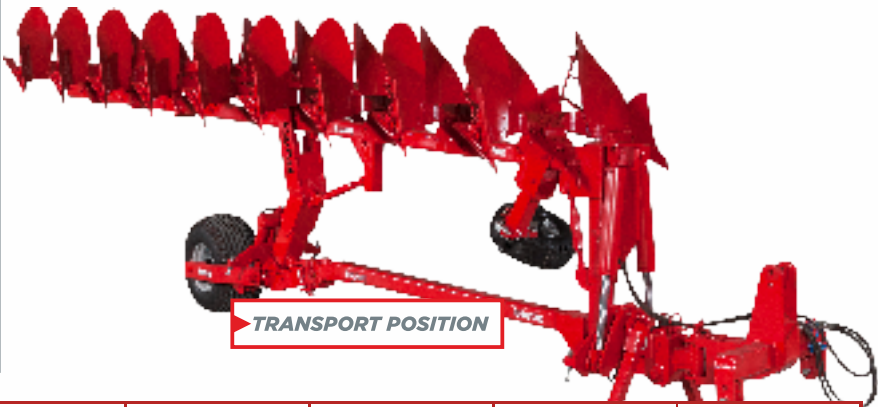
# SEMI MOUNTED REVERSIBLE PLOUGH

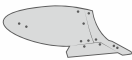
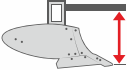

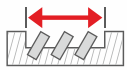



- ▶ Economical solution for big lands and high HP tractors.
- ▶ Various adjustments for best tractor-plough adaptation.



### OPTIONAL PARTS

- ▶ Trash boards.
- ▶ Shares with Reversible Points.
- ▶ Mouldboard Extension (Std).
- ▶ Skimmer.
- ▶ Deflector (Std).
- ▶ Wing Coulter.
- ▶ Shear Bolt Safety (Std).
- ▶ Disc Coulters.
- ▶ Bar Point Body.
- ▶ F, X and V Type Mouldboard



MODEL	 NUMBER OF FURROWS	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGH (KG)	 POWER REQUIREMENT (HP)
YADP 06	6	80	90	210-240-270	40	3150	170-190
YADP 07	7	80	90	245-280-315	40	3460	180-220
YADP 08	8	80	90	280-320-360	40	3760	210-250

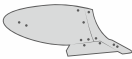
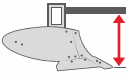
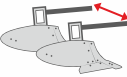
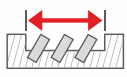



- Upon the needs of customers we keep the right to make changes on the product specifications.



# MOUNTED REVERSIBLE PLOUGH (ON-LAND)

- ▶ Specially design and material for stony and hardest conditions.
- ▶ On-land plowing with adjustable two position working width.
- ▶ NON - STOP Hydraulic Safety System with **40 cm swing out** clearance.



MODEL	 NUMBER OF FURROWS	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGH (KG)	 POWER REQUIREMENT (HP)
URPH 40	4	72	90	160-180	35-50	2120	160-180
URPH 41	5	72	90	200-225	35-50	2300	180-200

- 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).
- ▶ Equipped with 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.

## CHASSIS OPTIONS

- 120x120 mm Standart (DP)
- 100x100 mm Light Model (DPH)
- 140x140 mm Heavy Model (DPA)

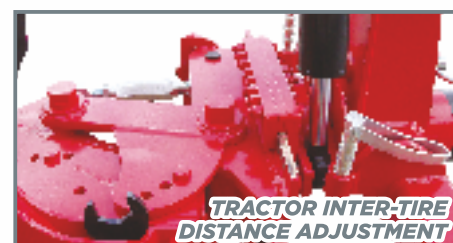
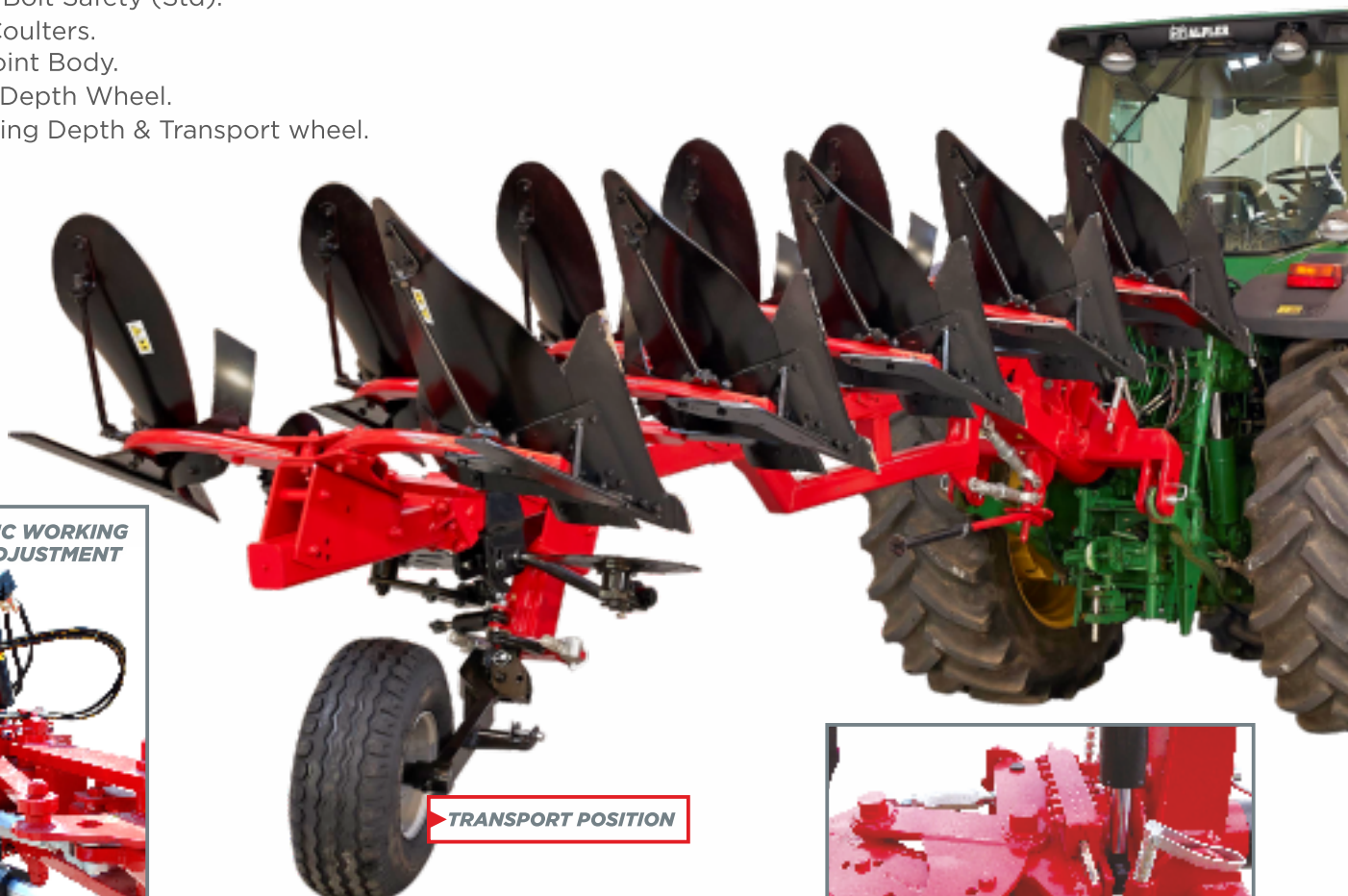


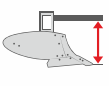
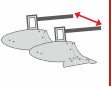
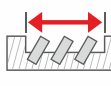
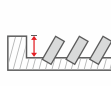












# REVERSIBLE PLOUGH

## OPTIONAL PARTS

- ▶ Trash boards.
- ▶ Shares with Reversible Points.
- ▶ Mouldboard Extension (Std).
- ▶ Skimmer.
- ▶ Deflector (Std).
- ▶ Wing Coulter.
- ▶ Shear Bolt Safety (Std).
- ▶ Disc Coulters.
- ▶ Bar Point Body.
- ▶ Metal Depth Wheel.
- ▶ Swinging Depth & Transport wheel.



* 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	740	920	1010	45-50	50-55	70-80	80-90
DPH09	70	75	20-22,5-25	22	583	745	960	1040	45-50	50-55	70-80	80-90
DPH10	70	75	22,5-25-27,5	24	589	750	1000	1100	50-55	55-60	80-85	90-100
DPH12	70	75	27,5-30-32,5	26	595	760	1032	1160	50-55	60-70	80-90	90-110
DP12	75	80	25-30-35	26	700	840	1115	1320	55-60	60-70	80-90	90-110
DP14	75	80	30-35-40	28	704	911	1145	1400	65-70	60-70	85-90	90-110
DP16	75	85	35-40-45	30	710	918	1170	1420	80-85	80-85	85-90	100-120
DP18	75	85	40-45-50	32	716	925	1185	1500	80-90	80-90	90-110	120-130

\* 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.



# 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.
- ▶ Equiped with bolt safety system.
- ▶ Various accessories and body types for different needs.
- ▶ Flanged frame to add an extension, if required.

### CHASSIS OPTIONS

- 120x120 mm Standart (PSP)
- 100x100 mm Light Model (PSPH)
- 140x140 mm Heavy Model (PSPA)



### OPTIONAL PARTS

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



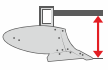
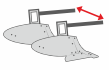
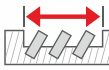
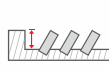


HYDROULIC WORKING  
WIDTH ADJUSTMENT



HYDROULIC  
CONTROLLED  
TRANSPORT TYRE



ON-LAND MODEL  
OPTION AVAILABLE

* 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	75	75	18-20-22,5	20	339	490	650	760	900	40-45	45-50	60-70	70-80	80-90
PSP09	75	75	20-22,5-25	22	353	510	667	785	950	40-45	45-50	60-70	70-85	90-100
PSP10	75	75	22,5-25-27,5	24	359	520	676	790	960	45-50	50-55	70-75	80-90	100-110
PSP12	75	75	25-30-35	26	365	530	687	800	975	45-50	50-55	70-75	80-90	110-125
PSP14	75	80	30-35-40	28	371	540	707	825	990	50-55	50-55	75-80	90-100	125-135
PSP16	75	85	35-40-45	30	377	550	710	860	1020	55-60	70-80	75-80	100-110	135-145
PSP18	75	85	40-45-50	32	383	560	730	895	1050	60-70	75-85	80-90	110-120	145-160

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# CONVENTIONAL PLOUGH

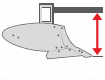

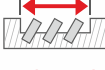



- ▶ Excellent plough-tractor balance.
- ▶ Simple and strong design for all land conditions.
- ▶ Big variety of working width choice for all tractor horse powers.

## OPTIONAL PARTS

- ▶ Trash boards.
- ▶ Mouldboard Extension (Std).
- ▶ Deflector (Std).
- ▶ 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	145	208	316	394	435	20-25	20-25	30-40	35-40	50-60	60-70
SP08	61	60	23,5	20	118	165	232	348	440	520	20-25	20-25	30-40	40-50	50-60	65-75
SP09	62	64	24,5	22	140	205	288	440	553	670	20-25	30-40	45-50	50-60	60-70	70-80
SP10	68	70	25,5	24	175	215	320	493	620	760	25-30	30-40	45-50	70-80	80-90	80-90
SP11	68	74	27,5	24	176	221	331	511	638	770	25-30	30-40	50-55	70-85	85-95	90-110
SP12	68	76	30	26	177	226	341	523	654	800	30-35	40-50	55-60	70-85	90-100	95-115
SP13	68	77	32,5	28	177	238	349	530	665	814	30-35	40-50	55-60	70-85	90-100	105-120
SP14	68	78	35	28	177	244	360	547	680	830	35-40	40-50	60-70	80-90	90-100	110-125
SP16	68	81	37,5	30	204	272	417	619	803	916	40-45	50-60	70-80	80-90	100-110	125-135
SP18	68	84	40	32	220	308	485	715	890	962	45-50	60-70	80-90	90-100	100-120	135-150

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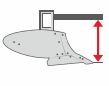
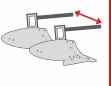
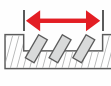
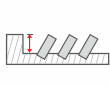


# CONVENTIONAL PLOUGH WITH BOLT SAFETY

- ▶ 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.
- ▶ Shares with Reversible Points.
- ▶ Mouldboard Extension (Std).
- ▶ Deflector (Std).
- ▶ Bar Point Body.
- ▶ Metal Depth Wheel

* MODEL	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)					 POWER REQUIREMENT (HP)				
					23456					23456				
					2	3	4	5	6	2	3	4	5	6
PP08	60	58	23,5	20	200	258	349	479	585	20-25	30-40	40-50	50-60	65-75
PP09	60	59	24,5	22	205	265	390	487	620	30-40	45-50	50-60	60-70	70-80
PP10	66	67	25,5	24	215	327	502	630	765	30-40	45-50	70-80	80-90	80-90
PP11	66	67	27,5	24	226	335	517	635	775	30-40	50-55	70-85	85-95	90-110
PP12	66	72	30	26	230	350	537	669	780	40-50	55-60	70-85	90-100	95-115
PP13	66	72	32,5	28	235	350	528	671	825	40-50	55-60	70-85	90-100	105-120
PP14	66	76	35	28	240	366	561	702	840	40-50	60-70	80-90	90-110	110-125
PP16	66	76	37,5	30	255	376	555	720	865	50-60	70-80	80-90	100-110	125-135

\* 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.



# 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 (Std).
- ▶ Deflector (Std).
- ▶ Slatted Body.
- ▶ Wing Coulter.
- ▶ Metal Depth Wheel
- ▶ Disc Coulters.
- ▶ U-Shape Lower Connection Bar.



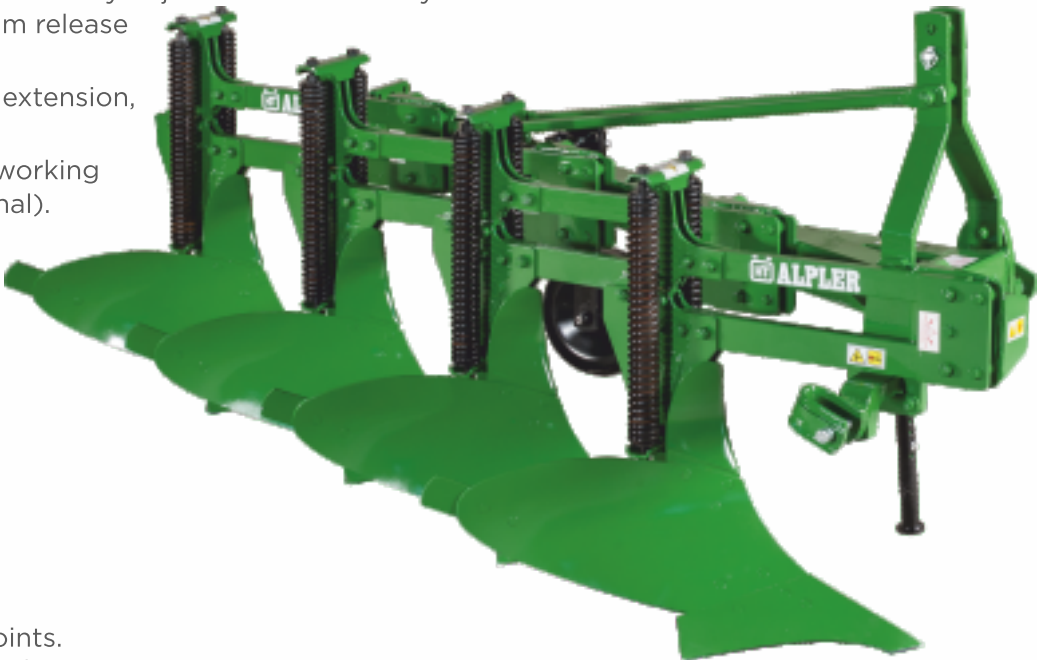
* MODEL	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	WEIGHT (KG)					POWER REQUIREMENT (HP)				
					KG									
					1	2	3	4	5	1	2	3	4	5
KP08	64	59	23,5	20	134	192	275	408	573	25-30	35-40	40-45	60-65	70-80
KP09	65	62	24,5	22	165	230	337	507	705	30-35	40-45	45-50	60-70	70-80
KP10	65	70	25,5	24	175	255	360	545	708	30-35	40-45	50-60	70-80	85-90
KP11	65	71	27,5	24	178	250	365	555	711	35-40	45-50	60-70	70-85	90-100
KP12	65	76	30	26	180	260	377	576	715	40-50	45-50	60-70	70-85	90-100
KP13	65	77	32,5	28	184	265	390	580	730	40-50	45-50	70-80	80-85	90-100
KP14	65	79	35	28	195	268	400	586	737	45-50	50-60	70-80	85-95	100-110
KP16	70	82	37,5	30	215	306	466	675	850	50-60	60-70	80-90	90-100	110-120

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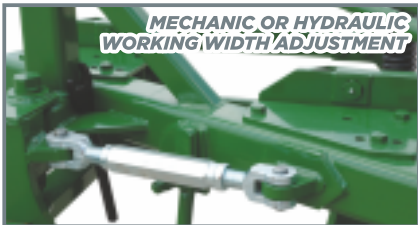
# AUTOMATIC PLOUGH WITH VERTICAL SPRING

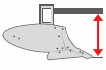
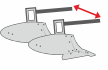
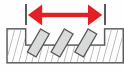



- ▶ Non-stop trouble free plowing opportunity for stony, rooted and first time plowed lands.
- ▶ The two helical springs lets the swing out bodies re-enter the soil immediately.
- ▶ The spring pressures can be easily adjusted for each body to different soil conditions in order to obtain optimum release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



## OPTIONAL PARTS

- ▶ Trash boards.
- ▶ Shares with Reversible Points.
- ▶ Mouldboard Extension (Std).
- ▶ Deflector (Std).
- ▶ 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)	 WEIGH (KG)				 POWER REQUIREMENT (HP)			
					2	3	4	5	2	3	4	5
OP10	70	75	25,5	24	390	560	745	915	30-40	45-50	70-80	80-90
OP11	70	75	27,5	24	400	575	750	917	30-40	50-55	70-85	85-95
OP12	70	75	30	26	410	590	760	925	40-50	55-60	70-85	90-100
OP13	70	75	32,5	28	414	592	763	935	40-50	55-60	70-85	90-100
OP14	70	75	35	28	417	595	765	941	40-50	60-70	80-90	90-110
OP16	70	75	37,5	30	430	610	770	950	50-60	70-80	80-90	100-110

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

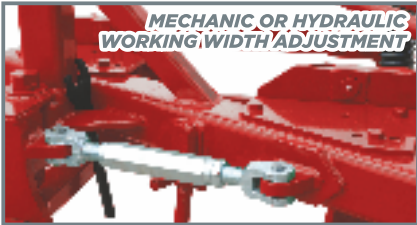
# AUTOMATIC PLOUGH WITH HORIZONTAL SPRING

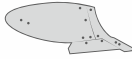
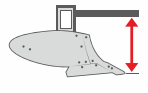
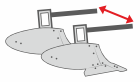
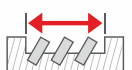
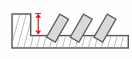


- ▶ Non-stop trouble free plowing opportunity for stony, rooted and first time plowed lands.
- ▶ The two helical springs lets the swing out bodies re-enter the soil immediately.
- ▶ The spring pressures can be easily adjusted for each body to different soil conditions in order to obtain optimum release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



## OPTIONAL PARTS

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



MODEL	 NUMBER OF FURROWS	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
OPB 123	3	75	75	25-30-35	26	670	50-60
OPB 143	3	75	80	30-35-40	28	680	60-70
OPB 124	4	75	75	25-30-35	26	832	70-90
OPB 144	4	75	80	30-35-40	28	851	80-100
OPB 125	5	75	75	25-30-35	26	1005	90-110
OPB 145	5	75	80	30-35-40	28	1014	100-120

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



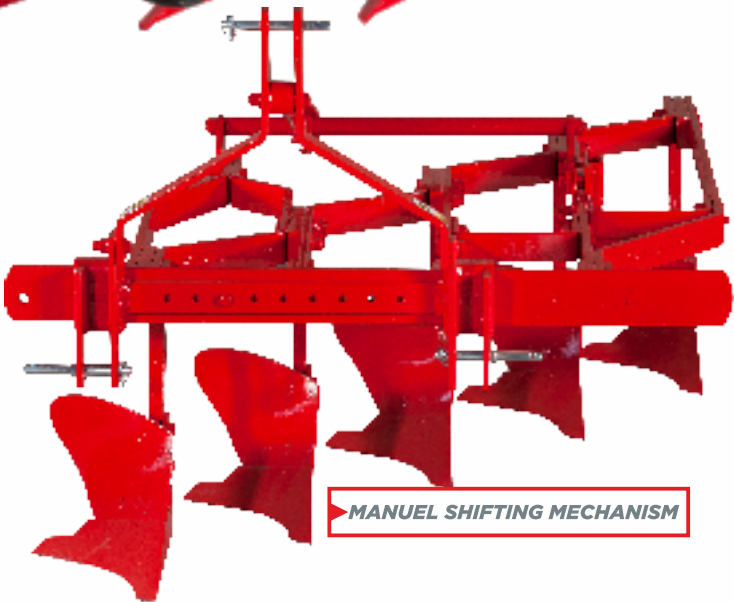
# VINEYARD ORCHARD PLOUGH

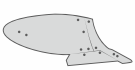
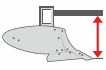
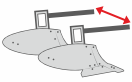
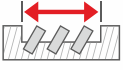



- ▶ Manual (Standard) or Hydraulic (optional) mechanism for shifting the plough easily closer to the trees and fences.
- ▶ Permanent low working depth by metal wheel preventing the roots to be damaged.



### OPTIONAL PARTS

- ▶ Mouldboard Extension (Std).
- ▶ Deflector (Std).
- ▶ Shear Bolt Safety.
- ▶ Metal Depth Wheel
- ▶ Hydraulic Shifting Mechanism.





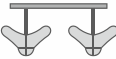



MODEL	 NUMBER OF FURROWS	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
BP63	3	60	51	90	20	240	25-30
BP64	4	60	51	120	20	346	30-40
BP65	5	60	51	150	20	420	40-50
BP66	6	60	51	180	20	492	50-60

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

# DIRECT FERTILIZER MACHINE

- Easy 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 in the box for preventing any blockage in the fertilizer pipes.



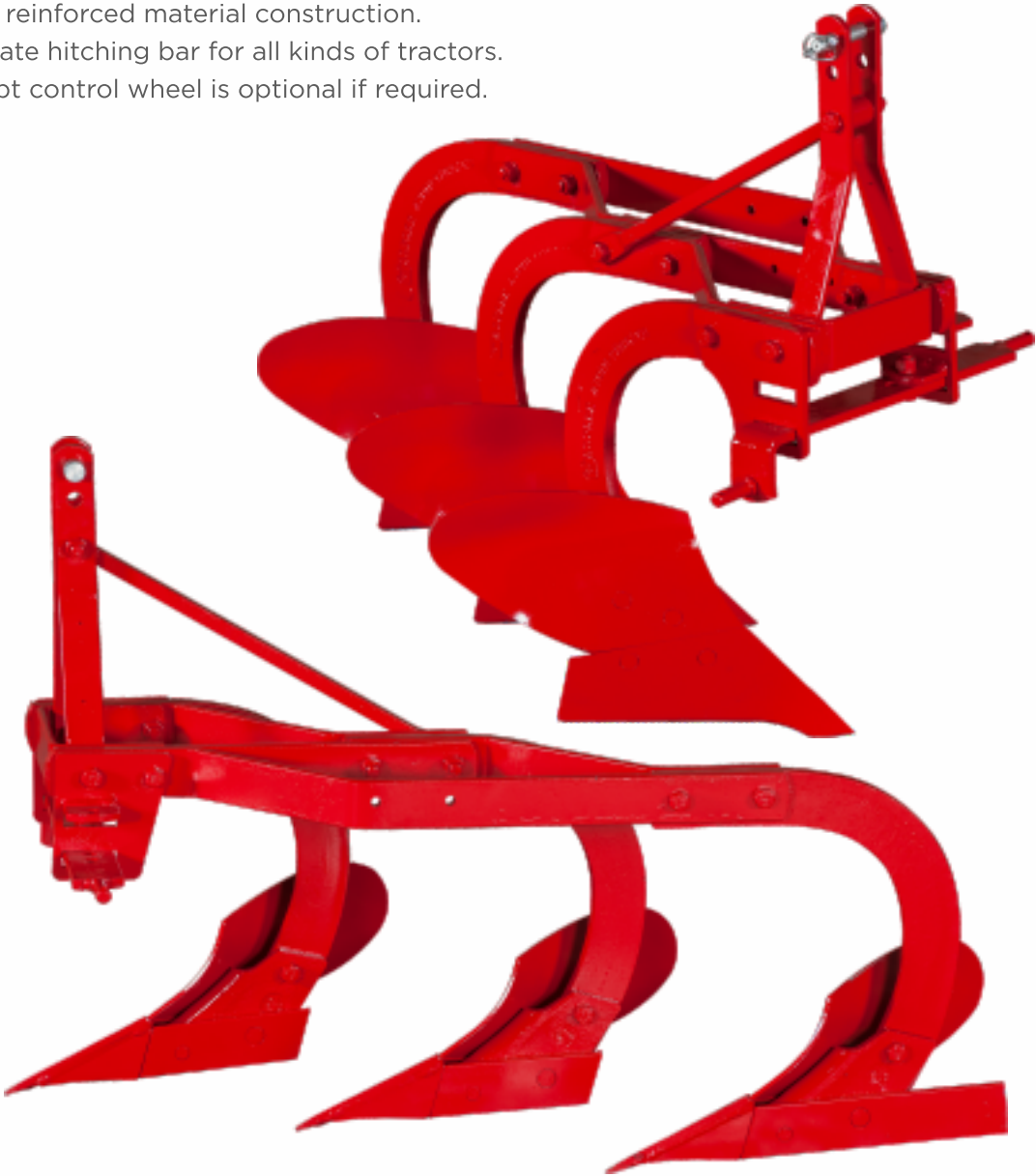
MODEL	 NUMBER OF FURROWS	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 İŞ GENİŞLİĞİ (CM)	 AĞIRLIK (KG)	 GÜÇ (HP)
GM03	3	72	65-85	200	375	60-80
GM05	5	72	65-85	390	525	80-100

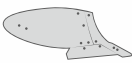
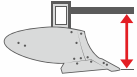
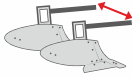
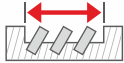



- Upon the needs of customers we keep the right to make changes on the product specifications.



# MICRO PLOUGH

- ▶ Indispensable assistant for professional and weekend hobby farmers
- ▶ Light yet reinforced material construction.
- ▶ Appropriate hitching bar for all kinds of tractors.
- ▶ Metal dept control wheel is optional if required.



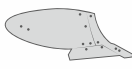
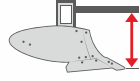
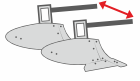
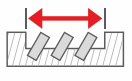
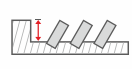


MODEL	 NUMBER OF FURROWS	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
MP 041	1	47	43	23	16	50	10-15
MP 042	2	47	43	46	16	70	15-25
MP 043	3	47	43	69	16	103	25-30
MP 044	4	47	43	92	16	146	30-35
MP 045	5	47	43	115	16	207	35-45

- 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.
- ▶ Metal dept control wheel is optional if required.



MODEL	 NUMBER OF FURROWS	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
MPB 042	2	47	43	46	16	126	15-25
MPB 043	3	47	43	69	16	168	25-30
MPB 044	4	47	43	92	16	230	30-35
MPB 045	5	47	43	115	16	267	35-45



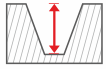


- Upon the needs of customers we keep the right to make changes on the product specifications.



# FURROW OPENNER 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)
KAP 12-14	73	60-90	36	194	60-70
KAP 16-18	76	65-95	40	196	70-80
KAP 20-22	80	70-100	44	243	80-100

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

# DITCHER PLOUGH

- ▶ Ditching (canal opening) and diking possibility with same plough by positioning the bodies.
- ▶ Adjustable dike width.
- ▶ Optional rear compressing plates to obtain firmer dikes.



DIKING POSITION



DITCHING POSITION



MODEL	CLEARANCE (CM)	DISTANCE BETWEEN BEAMS (CM)	DIKE WIDTH (CM)	DIKE HEIGHT (CM)	DITCH WIDTH (CM)	DITCH DEPTH (CM)	WEIGHT (KG)	POWER REQUIREMENT (HP)
SKP 10 (ANGLE CHASSIS)	70	90-103-122-142-162	29-48-68-88	40	84	40	248	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	255	50-60
SKP 16 (ANGLE CHASSIS)	75	90-103-122-142-162	24-44-64	50	110	50	260	60-80
SKP 18 (SQUARE TUBE CHASSIS)	80	114-130-150-170	20-40-60-80-100	60	120	60	371	80-90
SKP 20 (SQUARE TUBE CHASSIS)	85	114-130-150-170	20-40-60-80-100	70	130	70	439	90-100

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

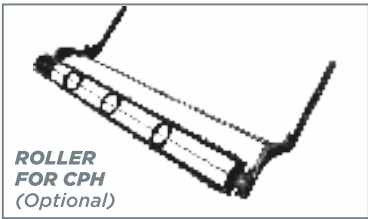



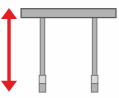
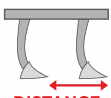
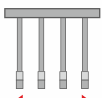
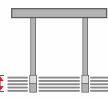


# CHISEL PLOUGH

- ▶ 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.
- ▶ Bolt secured legs.

### CHASSIS OPTIONS


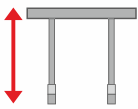
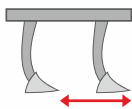



- 80x80 mm Mini Model (CPH)
- 100x100 mm Standart (CP)
- 120x120 mm Heavy Model (CPA)



MODEL	 NUMBER OF TINES (PIECES)	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
CPH 05	5	50	25	125	30	262	30-35
CPH 07	7	50	25	175	30	327	35-45
CPH 09	9	50	25	225	30	393	45-60
CPH 11	11	50	25	275	30	509	60-70
CP 05	5	62	30	150	45	349	50-60
CP 07	7	62	30	210	45	421	60-80
CP 09	9	62	30	270	45	506	80-90
CP 11	11	62	30	330	45	720	90-100
CP 13	13	62	30	390	45	810	100-110
CP 15	15	62	30	450	45	900	120-140
CPA 05	5	74	30	150	60	410	70-80
CPA 07	7	74	30	210	60	513	80-90
CPA 09	9	74	30	270	60	630	90-110
CPA 11	11	74	30	330	60	823	110-130
CPA 13	13	74	30	390	60	930	130-150
CPA 15	15	74	30	450	60	1010	150-170

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



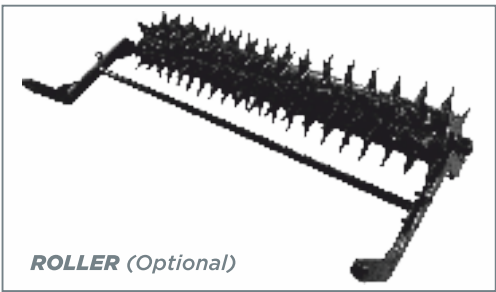
MODEL	 NUMBER OF TINES (PIECES)	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
DK 01	1	63-85	—	55-75	205	70-80
DK 02	2	63-85	80-160	55-75	480	90-100
DK 03	3	63-85	40-60-80	55-75	575	110-120
DK 04	4	63-85	40	55-75	677	150-160
DK 05	5	63-85	20	55-75	926	180-200

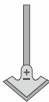
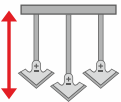
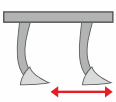
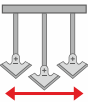
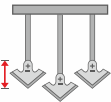


- Upon the needs of customers we keep the right to make changes on the product specifications.



# SPRING CULTIVATOR (HEAVY MODEL)

- ▶ 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.
- ▶ Hydraulic mechanism (Optional) for shifting the Cultivator easily closer to the trees and fences.

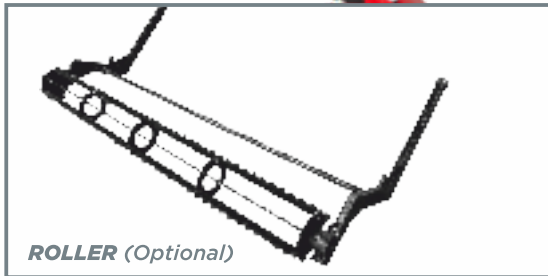


MODEL	 NUMBER OF TINES (PIECES)	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
AKL05	5	62	25	125	15	294	40-50
AKL07	7	62	25	175	15	400	50-60
AKL09	9	62	25	225	15	481	60-70
AKL11	11	62	25	275	15	585	70-80
AKL13	13	62	25	325	15	727	80-100
AKL15	15	62	25	375	15	800	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.



REVERSIBLE  
CULTIVATOR POINT  
(Optional)



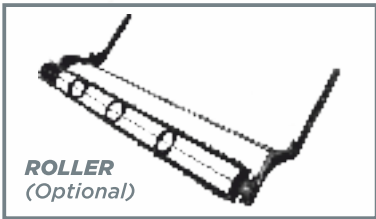
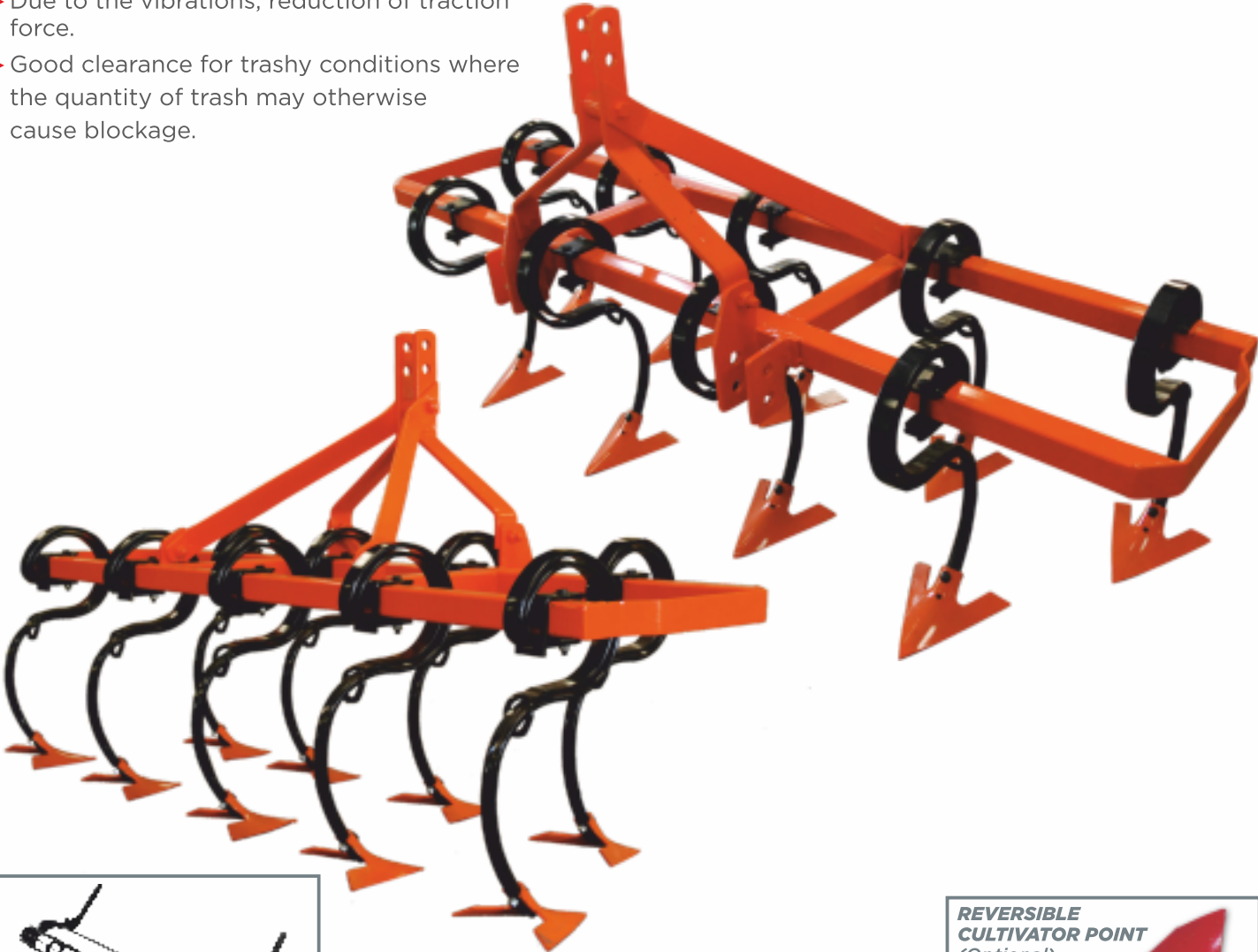
MODEL	BACAK SAYISI (ADET)	ŞASI YÜKSEKLİĞİ (CM)	GÖVDE ARASI (CM)	İŞ GENİŞLİĞİ (CM)	İŞ DERİNLİĞİ (CM)	AĞIRLIK (KG)	GÜÇ (HP)
MKL05	5	45	25	125	10	157	30-35
MKL07	7	45	25	175	10	247	40-45
MKL09	9	45	25	225	10	324	45-50
MKL11	11	45	25	275	10	430	50-60
MKL13	13	45	25	325	10	487	60-80


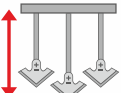
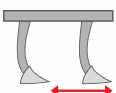

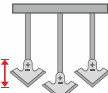


- Upon the needs of customers we keep the right to make changes on the product specifications.



# SPRING TINE CULTIVATOR

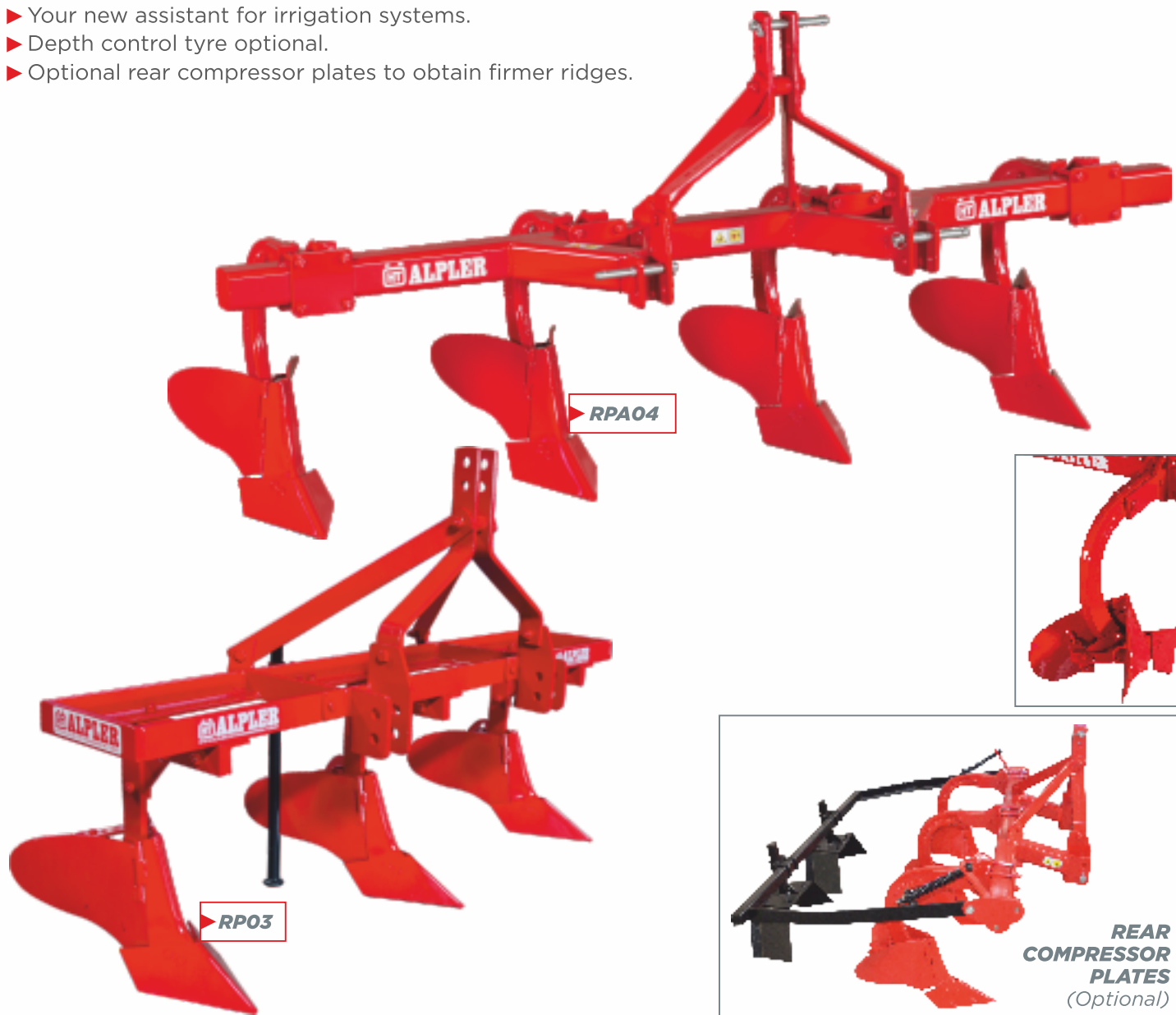
- ▶ S Tines with additional support all manufactured from special steel.
- ▶ Different share types for different solutions.
- ▶ Due to the vibrations, reduction of traction force.
- ▶ Good clearance for trashy conditions where the quantity of trash may otherwise cause blockage.











MODEL	 NUMBER OF TINES (PIECES)	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
SKL07	7	53	25	150	10	156	30-40
SKL09	9	53	25	200	10	183	40-50
SKL11	11	53	25	250	10	211	50-60
SKL13	13	53	25	300	10	235	60-70
SKL15	15	53	25	350	10	276	70-80

- 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.



MODEL	 NUMBER OF FURROWS	 CLEARANCE (CM)	 DISTANCE BETWEEN BEAMS (CM)	 DITCH BOTTOM WIDTH (CM)	 DITCH WIDTH (CM)	 DITCH DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
RP03 (ANGLE CHASSIS)	3	60	60-95 (within 5 cm interval)	25	34-40-46	20-35	224	40-55
RP04 (ANGLE CHASSIS)	4	60	60-95 (within 5 cm interval)	25	34-40-46	30-35	285	55-65
RP05 (ANGLE CHASSIS)	5	60	60-95 (within 5 cm interval)	25	34-40-46	20-35	355	65-80
RPA03 SQUARE TUBE CHASSIS	3	65	70-90	25	34-40-46	20-35	262	50-60
RPA04 SQUARE TUBE CHASSIS	4	65	70-90	25	34-40-46	20-35	363	60-80
RPA05 SQUARE TUBE CHASSIS	5	65	70-90	25	34-40-46	20-35	450	80-90

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





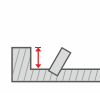




# DISC PLOUGH

## DIP MODELS PROPERTIES

- ▶ 20-30 % fuel economy in comparison with mouldboard ploughs.
- ▶ Standard 660 mm or 710 mm optional discs made from Boron Steel with special concavity.
- ▶ 5 level disc penetration angle and 3 level disc position adjustment (for DIP).
- ▶ Excellent solution for rooty, sticky or abrasive soil.
- ▶ Flanged frame to add an extension, if required (for DIP).
- ▶ 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 (for DIP).
- ▶ Adjustment arm for best tractor-plough alignment (for DIP).




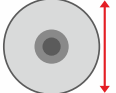


MODEL	 NUMBER OF DISCS (PIECES)	 DISC DIAMETER (MM)	 CLEARANCE (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
DIP02	2	660	68	50-60-70	26	364	40-50
DIP03	3	660	68	70-75-100	26	469	50-60
DIP04	4	660	68	90-110-130	26	589	60-80
DIP05	5	660	68	110-135-160	26	664	80-90
DIP06	6	660	68	130-160-190	26	770	90-110
DIPB03	3	660	68	70-75-100	26	423	50-60
DIPB04	4	660	68	90-110-130	26	555	60-80

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

# COMPACT DISC HARROW

- ▶ High resistible, heat treated notched discs.
- ▶ Increased inter-disc spacing preventing trash built up.
- ▶ Hydraulic folding rear roller to reduce the transport length for easy and safe transportation.
- ▶ Maintenance-free high-quality bearing units.
- ▶ Durable stone safety release via rubber elements.



MODEL	 NUMBER OF DISCS (PIECES)	 WORKING WIDTH (CM)	 DISC DIAMETER (MM)	 DISTANCE BETWEEN BEAMS (CM)	 DISTANCE BETWEEN DISCS (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
BDH 20-560	20	250	560	100	25	1370	80-90
BDH 22-560	22	300	560	100	25	1530	90-100
BDH 24-560	24	325	560	100	25	1640	100-120
BDH 26-560	26	350	560	100	25	1727	120-140
BDH 28-560	28	375	560	100	25	2240	140-180


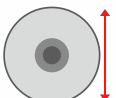
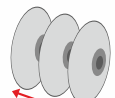
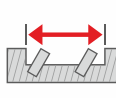
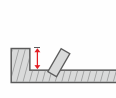


- Upon the needs of customers we keep the right to make changes on the product specifications.



# MOUNTED X TYPE DISC HARROW

- ▶ Manual or Hydraulic (optional) mechanism for shifting the disc harrow (Left/Right) easily closer to the trees and fences.
- ▶ Easy gang angling adjustment with locking pins (Standard) or Hydraulically (Optional).
- ▶ Equiped with S tine in the middle to prevent dikes formation.
- ▶ Steel Spacers and bearing housings for trouble free long working life.
- ▶ High resistible, heat treated discs notched at front and plain at rear or alternated.





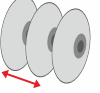

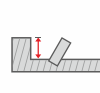


MODEL	 NUMBER OF DISCS (PIECES)	 DISC DIAMETER (MM)	 DISTANCE BETWEEN DISCS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
AXD20-460	20	460	19	190	10	620	45-55
AXD24-460	24	460	19	228	10	685	55-65
AXD28-460	28	460	19	266	10	785	65-75
AXD32-460	32	460	19	304	10	820	75-85
AXD36-460	36	460	19	342	10	840	85-100
AXD20-510	20	510	19	190	15	645	50-60
AXD24-510	24	510	19	228	15	710	60-70
AXD28-510	28	510	19	266	15	830	70-80
AXD32-510	32	510	19	304	15	893	80-100
AXD36-510	36	510	19	342	15	960	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 gng 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)	 DISTANCE BETWEEN DISCS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGH (KG)	 POWER REQUIREMENT (HP)
HDHV20	20	510	19	190	15	650	50-60
HDHV22	22	510	19	209	15	760	55-65
HDHV24	24	510	19	228	15	805	60-70
HDHV26	26	510	19	247	15	830	65-75
HDHV28	28	510	19	266	15	860	70-80
HDHV30	30	510	19	285	15	930	80-90
HDHV32	32	510	19	304	15	980	90-100
DHV16	16	610	23	184	20	965	50-60
DHV18	18	610	23	207	20	1020	60-70
DHV20	20	610	23	230	20	1120	70-80
DHV22	22	610	23	253	20	1250	80-90
DHV24	24	610	23	276	20	1330	90-100
DHV26	26	610	23	299	20	1415	100-110
DHV28	28	610	23	322	20	1430	110-120
DHV30	30	610	23	345	20	1450	120-130
DHV32	32	610	23	368	20	1525	130-140



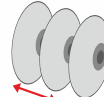
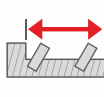
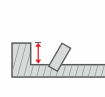


- Upon the needs of customers we keep the right to make changes on the product specifications.



# 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.
- ▶ Increased inter-disc spacing and disc scrapers preventing trash built up.
- ▶ Spacers and bearing housings made from steel for trouble free long working life.






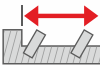
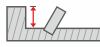


MODEL	 NUMBER OF DISCS (PIECES)	 DISC DIAMETER (MM)	 DISTANCE BETWEEN DISCS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
CDHV16	16	610	23	184	20	1620	60-70
CDHV18	18	610	23	207	20	1780	70-80
CDHV20	20	610	23	230	20	2000	80-90
CDHV22	22	610	23	253	20	2040	90-100
CDHV24	24	610	23	276	20	2340	100-110
CDHV26	26	610	23	299	20	2400	110-120
CDHV28	28	610	23	322	20	2460	120-130
CDHV30	30	610	23	345	20	2520	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)

- ▶ 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.
- ▶ Increased inter-disc spacing and disc scrapers preventing trash built up.
- ▶ Hydraulic folding to reduce the transport width for easy and safe transportation
- ▶ Spacers and bearing housings made from steel for trouble free long working life.
- ▶ Hydraulic folding to reduce the transport width for easy and safe transportation for 32 discs and more.



MODEL	 NUMBER OF DISCS (PIECES)	 DISC DIAMETER (MM)	 DISTANCE BETWEEN DISCS (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



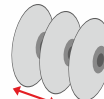
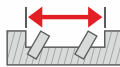
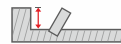


- Upon the needs of customers we keep the right to make changes on the product specifications.



# 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 manual (standard) 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)	 DISTANCE BETWEEN DISCS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (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





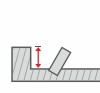


- Upon the needs of customers we keep the right to make changes on the product specifications.



# TRAILED X TYPE DISC HARROW (ZETA)

- ▶Hydraulicy controlled transport tyres.
- ▶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 manual (standard) 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.

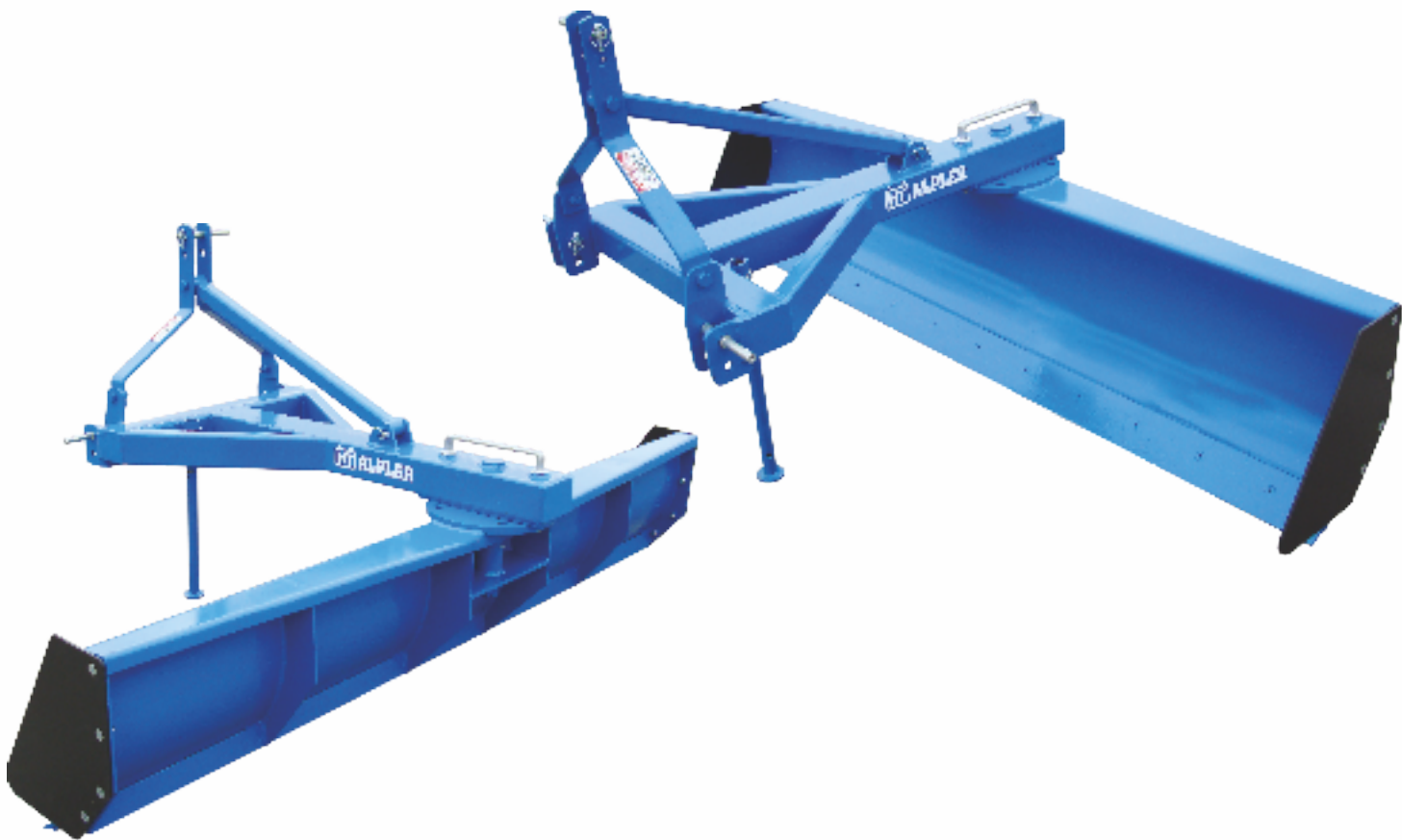


MODEL	 NUMBER OF DISCS (PIECES)	 DISC DIAMETER (MM)	 DISTANCE BETWEEN DISCS (CM)	 WORKING WIDTH (CM)	 WORKING DEPTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
CDHLX20	20	510	19	190	10	920	40-60
CDHLX24	24	510	19	228	10	960	60-70
CDHLX28	28	510	19	266	10	1020	70-80
CDHLX32	32	510	19	304	10	1060	80-100
CDHLX36	36	510	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)









- ▶ Ideal for light road maintenance, lawn care, gardening and other light duty landscaping applications, leveling ground and snow and manure removal.
- ▶ TKL rear blades feature a reversible and replaceable heat treated 12 mm thickness cutting edge.
- ▶ Rear blades are CAT 2 (Standard) or CAT 1 (Optional) hitch compatible and the parking stand is standard equipment for ease of montage and safety.
- ▶ Bolted end plates allow holding extra material while dragging it from one place to another for filling.
- ▶ Effective due to the high, correctly shaped blade design 50 cm height with 6 mm thickness. It allows to cut and roll the soil rather than drag it, saving your time, HP and fuel.
- ▶ 360 degrees pivoting blade with 5 forward and 5 reverse angle positions, locking with 2 locking pins.

MODEL	 WORKING WIDTH (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
TKL100	100	165	15-25
TKL120	120	175	15-25
TKL140	140	200	15-25
TKL160	160	220	25-35
TKL180	180	230	25-35
TKL200	200	250	35-50
TKL220	220	266	40-50
TKL240	240	279	50-60
TKL250	250	275	50-60
TKL300	300	310	60-80

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

- ▶ Ideal for light road maintenance, lawn care, gardening and other light duty landscaping applications, leveling ground and snow and manure removal.
- ▶ TKH rear blades feature a reversible and replaceable heat treated 12 mm thickness cutting edge.
- ▶ Rear blades are CAT 2 hitch compatible and the parking stand is standard equipment for ease of montage and safety.
- ▶ Bolted end plates allow holding extra material while dragging it from one place to another for filling.
- ▶ Effective due to the high, correctly shaped blade design 60 cm height with 6 mm thickness. It allows to cut and roll the soil rather than drag it, saving your time, HP and fuel.
- ▶ Hydraulic stepless blade rotation adjustment over 290 degrees.



MODEL	 WORKING WIDTH (CM)	 BLADE HEIGHT (CM)	 BLADE ROTATION	 OFFSET ADJUSTMENT	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
TK200	200	60	Manuel	—	400	40-60
TK250	250	60	Manuel	—	435	50-70
TK300	300	60	Manuel	—	460	60-80
TKT200	200	60	Manuel	—	480	40-60
TKT250	250	60	Manuel	—	515	50-70
TKT300	300	60	Manuel	—	540	60-80
TKH200	200	60	Hydraulic	Hydraulic	445	40-60
TKH250	250	60	Hydraulic	Hydraulic	480	50-70
TKH300	300	60	Hydraulic	Hydraulic	505	60-80
TKHT200	200	60	Hydraulic	Hydraulic	525	40-60
TKHT250	250	60	Hydraulic	Hydraulic	560	50-70
TKHT300	300	60	Hydraulic	Hydraulic	585	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 (IP 67).
- ▶ The housing has an integrated handle for ease of handling.

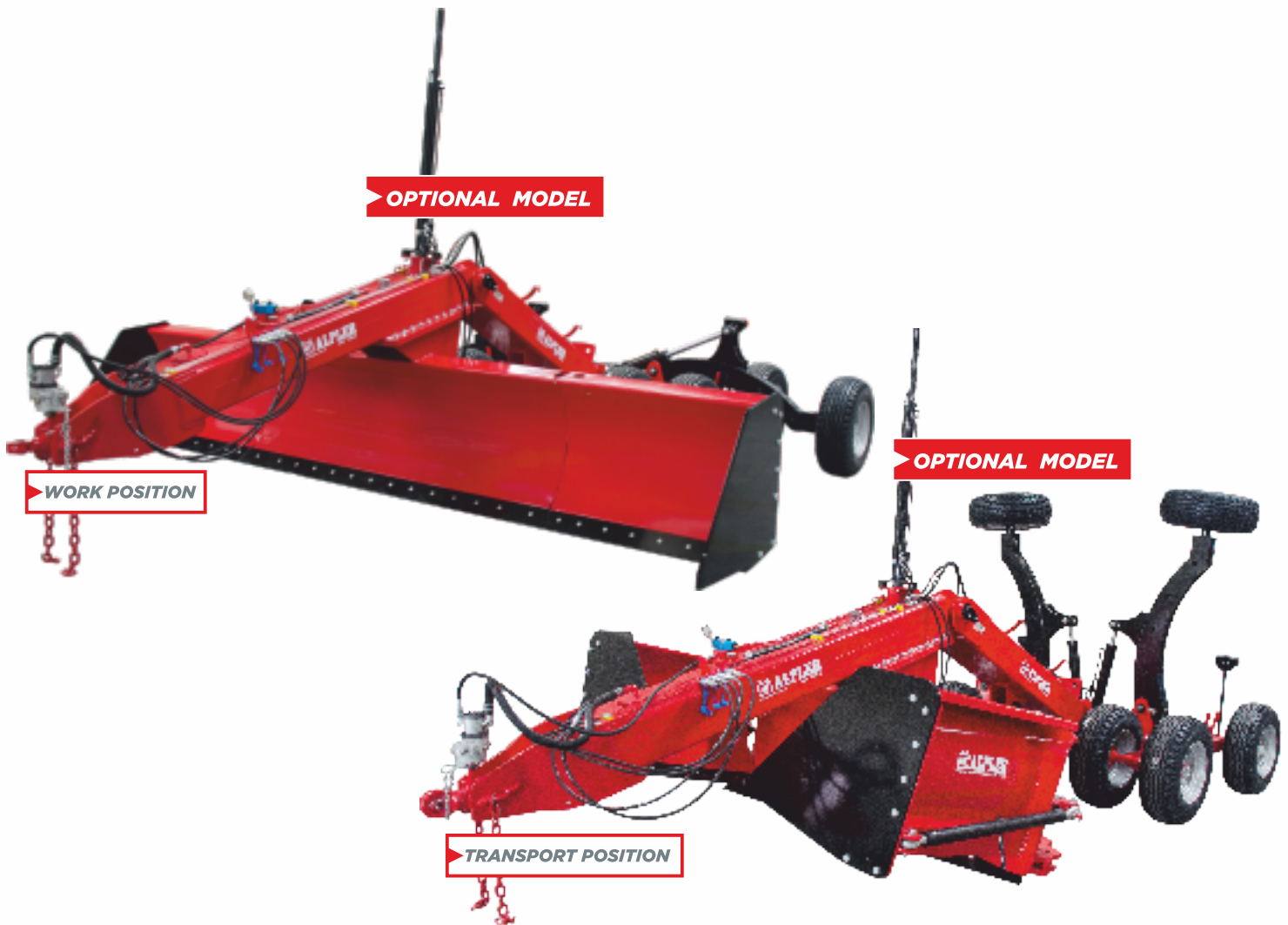


MODEL	 TOTAL WIDTH IN TRANSPORT POSITION (M)	 WORKING WIDTH (CM)	 TOTAL LENGTH (M)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
LTM 250 A*	2,5	2,5	5	1800	70-90
LTM 300 A*	3	3	5	1950	90-110
LTM 300	2,5	3	5	2350	90-110
LTM 350	2,5	3,5	5	2400	100-110
LTM 400	2,5	4	5	2450	110-120
LTM 450	3	4,5	5	2500	110-135
LTM 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.  
 \* Wingless whole blade.

# LASER CONTROLLED LEVELER MACHINE

- ▶ Operating instructions booklet and movie (English).
- ▶ Light yet strong, easily installing tripod.
- ▶ 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.



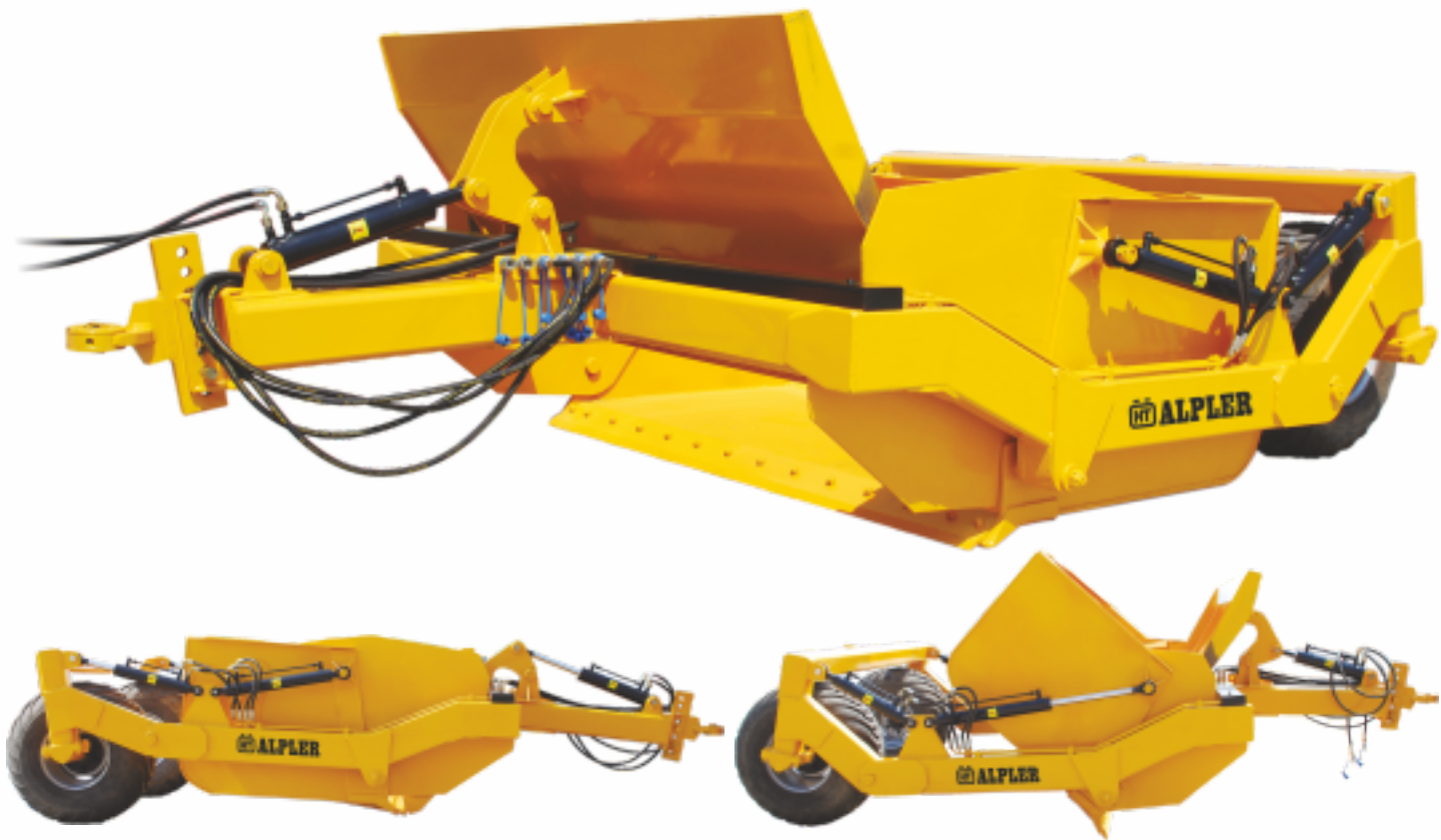
**Trimble Laser Equipment**



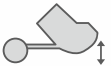


**Topcon Laser Equipment**



# BOX LEVELER MACHINE

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



MODEL	 WORKING WIDTH (CM)	 BOX CAPACITY (M³)	 TRANSPORT POSITION HEIGHT (CM)	 WEIGHT (KG)	 POWER REQUIREMENT (HP)
KTM	255	4	25	2100	90-110

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



## A - TYPE MOULDBOARD



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

## E - TYPE MOULDBOARD



Mallows the use of wide tractor tyres to increase traction, and reduce compaction. Reduecd wear of tyre wals.

## 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.

## 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.

## 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.

## DEFLECTOR



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

## 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.

## ROLLER



Roller allows to break the clods.



## OPTIONAL PARTS

### 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 1



For effective burial of stubble, straw, grass and weeds etc. Their working depth can easily and quickly 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 2



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

### 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 (275 mm Diameter).

### 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.

### WING COULTER



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





## CUSTOM DESIGNS FOR DIFFERENT PROJECTS



MULCH LAYING MACHINE



UNDER GROUND IRRIGATION PIPE INSTALLER MACHINE



CULTIVATOR WITH S TINE



INTER ROW CULTIVATOR



CAMBIRIDGE ROLLER



LAND LEVELER



## CUSTOM DESIGNS FOR DIFFERENT PROJECTS



DEEP VINEYARD PLOUGH



BIG DITCHER



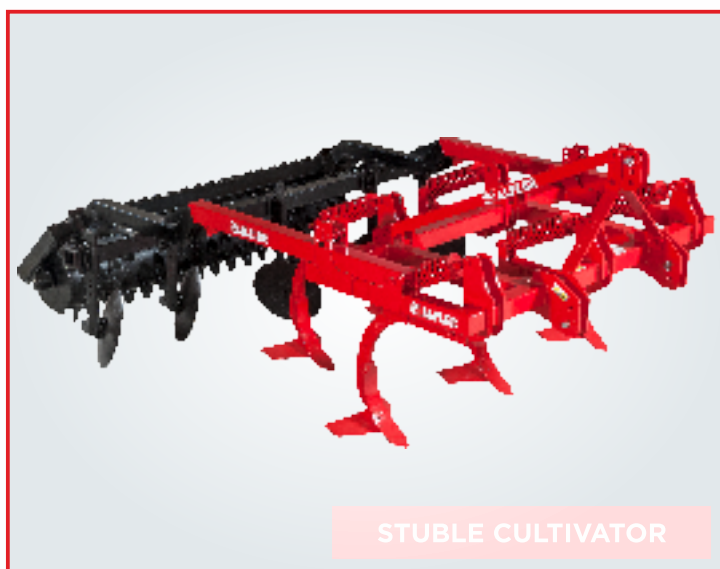
MOUNTED V TYPE DISC HARROW



REVERSIBLE PLOUGH WITH HYDRAULIC SAFETY



SPRING LEG CHISSEL PLOUGH



STUBBLE CULTIVATOR





# SOME MARKS

*assures the abundance*





