



PLOUGHS

PLOUGHS

The sturdy construction and the modern design at Kariotakis plows is what distinguishes them because they can be easily adapted to different working conditions, their design excellence is distinguished because gives at the operator multiple choices to adjust the plough in different working conditions and the right distribution to achieve the perfect plowing.



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Settings at the reversible ploughs

1st plowshare adjustment

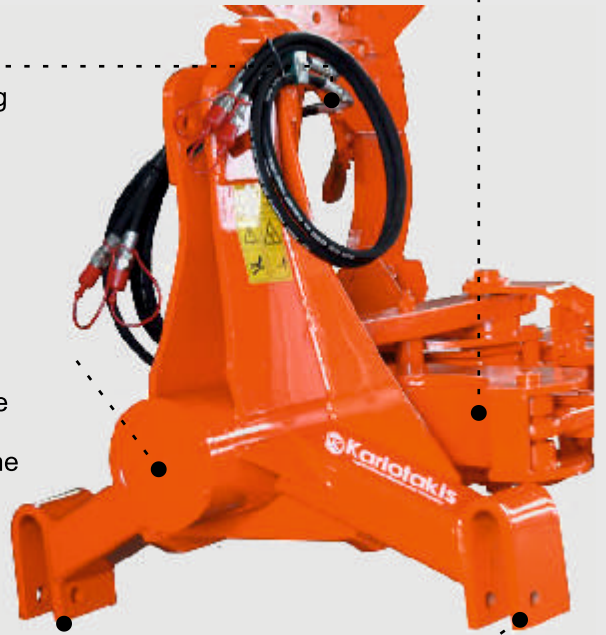
With the ability to adjust the 1st plowshare you can adjust the position of the plough at the central of the tractor avoiding any deviation from its course during work.

Double-acting valve

All reversible plows have double-acting valve for smooth rotation with less strains & problems.

Rotation axis

The rotation axis at the reversible Kariotakis plows is a special compact hardness shaft with big diameter where with the help of two cone bearings the rotation at the ploughs is being done without problems as the rotation axis absorbs vibrations and strains in each rotation.



Link attachment three points

All Kariotakis reversible ploughs have link attachment three points with the tractor so the center of gravity of the ploughs is closer to the tractor and is being achieved smooth, uniform and perfect plowing !



Double frame:

For even greater strength and durability in all Kariotakis plows the main frame is double.



2+1 / 3+1 / 4+1:

Some models at reversible plows Kariotakis have the ability to be constructed, extended and to be added an extra arm.



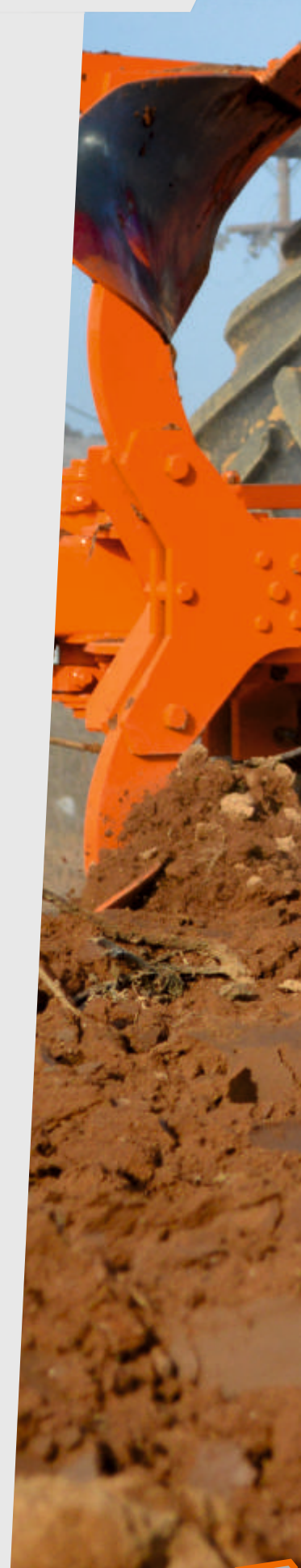
Under the frame clearance & arm distance:

At Kariotakis plows you have the ability to choose the ideal distance between the arms accordingly with the model, in combination with the ideal under the frame clearance Kariotakis plows have the advantage of continuous and endless perfect plowing



Safety bolt:

The safety screw is standard at all Kariotakis plows with the use of the safety bolt is being achieved a safe plowing with less problems as well its use avoids any problem it could be caused to the main body of the plow.



Working width

HYDRAULIC ADJUSTMENT


Hydraulically adjustable plows allow the working width to be adjusted to different working positions from the tractor cabin with a single control. Achieving the desired working width smoothly, easily and safely you can adjust the plow even easier in the working circumstances. During transport, it is minimized the working width of the plow for even greater safety.

MECHANICAL ADJUSTMENT


Mechanically adjustable plows have adjustable working width in 4 different positions by moving only one screw. For even greater durability there are double slabs on which is being adjusted the working width



HYDRAULIC ADJUSTMENT

	85 cm	90 cm	95 cm	102 cm
Working width (inches)	10" - 18" inches	11" - 19" inches	12" - 20" inches	13" - 21" inches
Working width (cm)	25,40cm - 45,70cm	27,90cm - 48,25cm	30,50cm - 50,80cm	33,00cm - 53,35cm

MECHANICAL ADJUSTMENT

	85 cm	90 cm	95 cm	102 cm
Working width (inches)	(1) 11" inches (2) 12" inches (3) 13" inches (4) 14" inches	(1) 12" inches (2) 13" inches (3) 14" inches (4) 15" inches	(1) 13" inches (2) 14" inches (3) 15" inches (4) 16" inches	(1) 14" inches (2) 15" inches (3) 16" inches (4) 17" inches
Working width (cm)	(1) 27,90 cm (2) 30,50 cm (3) 33,00 cm (4) 35,55 cm	(1) 30,50 cm (2) 33,00 cm (3) 35,55 cm (4) 38,10 cm	(1) 33,00 cm (2) 35,55 cm (3) 38,10 cm (4) 40,65 cm	(1) 35,55 cm (2) 38,10 cm (3) 40,65 cm (4) 43,20 cm



Working wheel



At all Kariotakis plows the working wheel is always elastic and adjustable:

* at the reversible plows you can set the rotation speed of the wheel and the working depth

* at the rest plows the working depth adjustment of the wheel can be done hydraulically or mechanically

Transportation wheel

For safe transport at some reversible Kariotakis ploughs can be adjusted a transportation wheel that can also be used as a working wheel.



Safety system



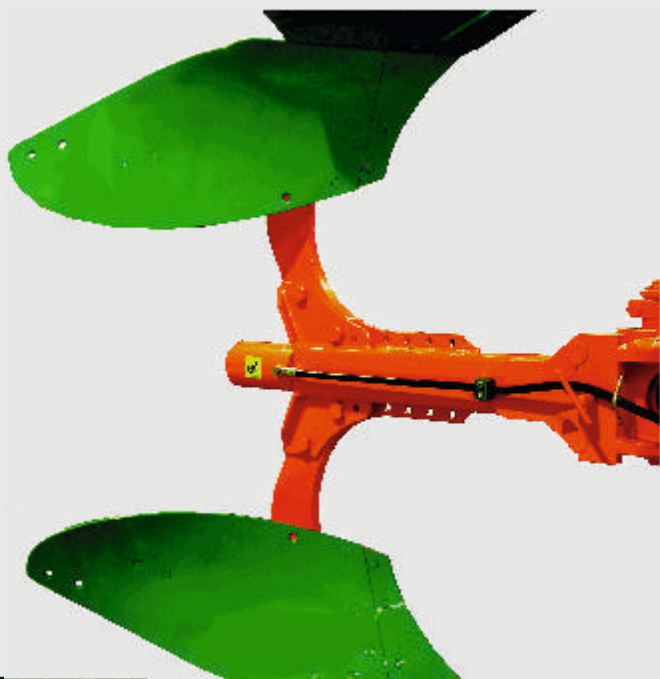
Safety bolt:

The safety bolt is standard in all Kariotakis plows with the use of which is being achieved a safe plowing with less problems, as its use eliminates any problem could be caused in the main body of the plow.



Non-Stop :

The Non stop ploughs are suitable for tillage without interruption in rocky soils and can be adapted to all working conditions. At ploughs in this category you may regulate to each arm the restoration pressure while the new arm system gives an additional advantage, the new arm system which can move the arm in all directions, gives at the tractor operator the advantage to work continuously and to avoid any obstacle.



Ability to choose mouldboard

Code **M12**

Weight 20,90 Kgr

Length 98cm



Code **K28**

Weight 25,00 Kgr

Length 119cm



Code **K30**

Weight 21,80 Kgr

Length 110cm





Knife for plowshare:

The plowshare knife helps to clean the soil from organic waste and to help the plow to penetrate even more in the ground while simultaneously cleans and soil.



Turbo-trashboards:

An excellent choice for better coating during plowing which helps the soil to turn, allowing a perfect tillage result. The length and the use of the Turbo-trashboards as an extension of the mouldboard is an ideal solution for better plowing.



Mouldboard extention:

An excellent choice for better coating during plowing which helps the soil to turn, allowing a perfect tillage result. The length and the use of the Turbo-trashboards as an extension of the mouldboard is an ideal solution for better plowing.



Skim mouldboards:

With the Skim mouldboards is being accomplished the removal of organic residues after harvesting especially in corn cultivation. The Skim mouldboards have adjustable working depth at multiple potitions where the adjustment is made easy by moving the bolts to the desired position.

Memory System

Memory / Soft-Close System

At the reversible plows with hydraulic adjustment of the working width you can adjust the Memory System.

An innovative system for safe and smooth rotation with the help of which the rotation of the plow becomes even more smoothly without much friction with a simple and innovative way.

The Memory System system is working as a memory unit also, because the reversible plow makes rotation without changing the working width from the original position that the operator of the tractor has set before the rotation .





MASTER

110-250HP



The reversible ploughs MASTER are ideal for tractors with lot horsepower. Extruded construction, with carefully studied details and with ability to be adapted to all working conditions ploughs MASTER is the absolutely reliable choice.

> Ploughs MASTER have 3 to 5 shares and are appropriate for tractors from **110-250 HP**



	MASTER13A		MASTER14A		MASTER15A	
Number of shares	3		3+1 / 4		4+1 / 5	
Tractor HP	110-150 HP		150-200 HP		180-250 HP	
Under the frame clearance	76 cm or 81 cm		76 cm or 81 cm		76 cm or 81 cm	
Rotation Axis	Ø 130mm		Ø 170mm		Ø 170mm	
Working width adjustment	Hydraulically		Hydraulically		Hydraulically	
Intrrbody distance (cm)	95 cm	102 cm	95 cm	102 cm	95 cm	102 cm
Working width (inches)	12"-20"	13"-21"	12"-20"	13"-21"	12"-20"	13"-21"
Working width (cm)	31-51 cm	33-53 cm	31-51 cm	33-53 cm	31-51 cm	33-53 cm
Type of mouldboard	M12, K28, K30		M12, K28, K30		M12, K28, K30	
Weight (Kgr)	1.345 Kgr		1.520 Kgr		1.945 Kgr	

KK2000

90-200HP



The reversible ploughs KK2000 are lightweight constructed and reliable option because they are suitable and adaptable to medium horsepower tractors. Carefully constructed in every detail and tested for years, with all the geometrical proportions and thoughtful details make them the ultimate choice for a perfect, continuous and uniform plowing.

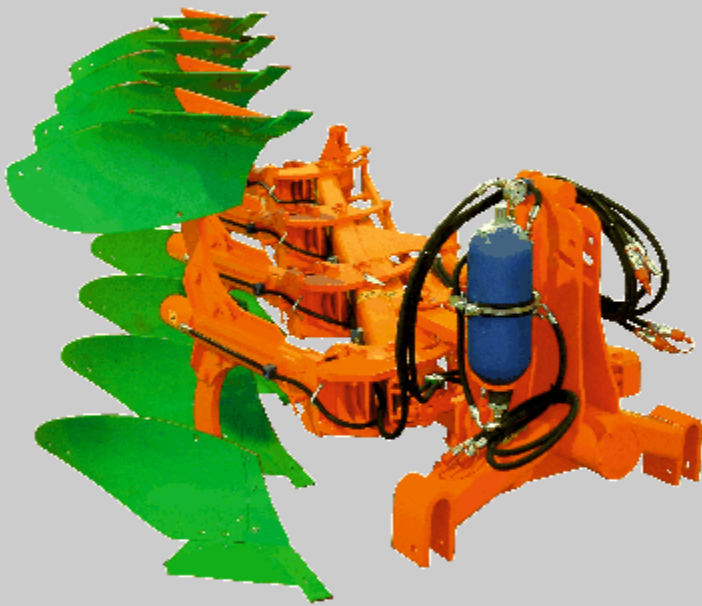
> The ploughs KK2000 are available from 3-5 plowshares and are suitable for tractors of **80-200 HP**.



	KK 20003			KK 20004			KK 20005		
Number of shares	3			3+1 / 4			4+1 / 5		
Tractor HP	90-120 HP			110-170 HP			170-200 HP		
Under the frame clearance	76 cm			76 cm			76 cm		
Working width adjustment	Mechanically			Mechanically			Mechanically		
Intrrbody distance (cm)	90 cm	95 cm	102 cm	90 cm	95 cm	102 cm	90 cm	95 cm	102 cm
	12"	13"	14"	12"	13"	14"	12"	13"	14"
Working width (inches)	13"	14"	15"	13"	14"	15"	13"	14"	15"
	14"	15"	16"	14"	15"	16"	14"	15"	16"
Working width (cm)	15"	16"	17"	15"	16"	17"	15"	16"	17"
	31	33	36	31	33	36	31	33	36
Working width (cm)	33	36	38	33	36	38	33	36	38
	36	38	41	36	38	41	36	38	41
Working width (cm)	38	41	43	38	41	43	38	41	43
Rotation Axis	Ø 110mm			Ø 130mm			Ø 170mm		
Type of mouldboard	M12, K28,K30			M12, K28,K30			M12, K28,K30		
Weight (Kgr)	1.145 Kgr			1.390 Kgr			1.665 Kgr		

	KK 200013			KK 200014			KK 200015		
Number of shares	3			3+1 / 4			4+1 / 5		
Tractor HP	90-120 Hp			110-170 Hp			170-200 Hp		
Under the frame clearance	76 cm			76 cm			76 cm		
Working width adjustment	Hydraulically			Hydraulically			Hydraulically		
Intrrbody distance (cm)	90 cm	95 cm	102 cm	90 cm	95 cm	102 cm	90 cm	95 cm	102 cm
Working width (inches)	11"-19"	12"-20"	13"-21"	11"-19"	12"-20"	13"-21"	11"-19"	12"-20"	13"-21"
Working width (cm)	28-49	31-51	33-53	28-49	31-51	33-53	28-49	31-51	33-53
	cm	cm	cm	cm	cm	cm	cm	cm	cm
Rotation Axis	Ø 110mm			Ø 130mm			Ø 170mm		
Type of mouldboard	M12, K28,K30			M12, K28,K30			M12, K28,K30		
Weight (Kgr)	1.255 Kgr			1.470 Kgr			1.825 Kgr		

Non-Stop



The fully equipped plow with the most modern design is completed with the plows of G-MASTER series. The G-MASTER plows are constructed to work continuously, overcoming any obstacle as they are equipped with a closed hydraulic circuit where with the help of the nitrogen each arm operates independently from the others and the plow incessantly works in any conditions. With careful selection of materials to achieve elasticity and to absorb vibrations during the plowing and the ability the operator to adjust the pressure at the arms G-MASTER is the ultimate choice.

> The G-MASTER plows are available from 3-5 plowshares and are suitable for tractors of **80-200 HP**.



	GM 13			GM 14			GM 15		
Number of shares	3			4			5		
Tractor HP	90-120 HP			110-170 HP			170-200 HP		
Under the frame clearance	76 cm			76 cm			76 cm		
Working width adjustment	Hydraulically			Hydraulically			Hydraulically		
Intrrbody distance (cm)	90 cm	95 cm	102 cm	90 cm	95 cm	102 cm	90 cm	95 cm	102 cm
Working width (inches)	11"-19"	12"-20"	13"-21"	11"-19"	12"-20"	13"-21"	11"-19"	12"-20"	13"-21"
Working width (cm)	28-48 cm	31-51 cm	33-53 cm	28-48 cm	31-51 cm	33-53 cm	28-48 cm	31-51 cm	33-53 cm
Rotation Axis	Ø 110mm			Ø 130mm			Ø 170mm		
Type of mouldboard	M12, K28, K30			M12, K28, K30			M12, K28, K30		
Weight (Kgr)	1.500 Kgr			1.790 Kgr			2.280 Kgr		

MICRON

70-120HP



The ideal reversible plough for low horsepower tractors from 55-115HP is the MICRON ploughs. Although ploughs MICRON are lightweight construction they have nothing to be jealous from a plough medium or heavy category since their husky construction in all the details is the advantage of solidity and strength.

> The plows MICRON are available from 2-4 plowshares and are suitable for tractors of **65-120 HP**.



	MICRON2		MICRON3		MICRON4	
Number of shares	2		3		4	
Tractor HP	70-85 HP		85-100 HP		100-120 HP	
Under the frame clearance	68 cm		68 cm		68 cm	
Working width adjustment	Mechanically		Mechanically		Mechanically	
Intrrbody distance (cm)	85 cm	90 cm	85 cm	90 cm	85 cm	90 cm
	11"	12"	11"	12"	11"	12"
Working width (inches)	12"	13"	12"	13"	12"	13"
	13"	14"	13"	14"	13"	14"
	14"	15"	14"	15"	14"	15"
Working width (cm)	28	31	28	31	28	31
	31	33	31	33	31	33
	33	36	33	36	33	36
	36	38	36	38	36	38
Rotation Axis	Ø 95mm		Ø 95mm		Ø 110mm	
Type of mouldboard	M12		M12		M12	
Weight (Kgr)	720 Kgr		940 Kgr		1.150 Kgr	

	MICRON12		MICRON13		MICRON14	
Number of shares	2		3		4	
Tractor HP	70-85 HP		85-100 HP		100-120 HP	
Under the frame clearance	68 cm		68 cm		68 cm	
Working width adjustment	Hydraulically		Hydraulically		Hydraulically	
Intrrbody distance (cm)	85 cm	90 cm	85 cm	90 cm	85 cm	90 cm
	10" -18"	11" -19"	10" -18"	11" -19"	10" -18"	11" -19"
Working width (cm)	25-46	28-48	25-46	28-48	25-46	28-48
Rotation Axis	Ø 95mm		Ø 95mm		Ø 110mm	
Type of mouldboard	M12		M12		M12	
Weight (Kgr)	800 Kgr		1.030 Kgr		1.240 Kgr	

MP

80-300HP



The multi-plough MP is a special category plow which is indicated for light and superficial plowing with a maximum working depth of 20cm. The MP multi-plough can be used on grain crops for easy, economical and effective plowing.

- > It has a safety bolt or a Non Stop System with independent hydraulic cylinders in each arm
- > Equipped with new split base and share with reversible point for even longer life
- > The MP multi-plough is available from 5-13 plowshares.



	MP 5	MP 6	MP 7	MP 8	MP 9	MP 10
Number of shares	5	6 (5+1)	7 (6+1)	8 (7+1)	9 (8+1)	10 (9+1)
Tractor HP	Min.80 HP	Min.100 HP	Min.120 HP	Min.140 HP	Min.170 HP	Min.190 HP
Under the frame clearance	81 cm					
Working width (inches / cm)	12" inches / 31 cm					
Working width (m)	1.53m	1.83m	2.14m	2.44m	2.75m	3.05m
Weight (Kgr)	740 Kgr	795 Kgr	910 Kgr	1.050 Kgr	1.153 Kgr	1.255 Kgr

	MP 11	MP 12	MP 13
Number of shares	11 (10+1)	12 (11+1)	13 (12+1)
Tractor HP	Min.200 HP	Min.220 HP	Min.250 HP
Under the frame clearance	81 cm		
Working width (inches / cm)	12" inches / 31 cm		
Working width (m)	3.35m	3.65m	4.00m
Weight (Kgr)	1.422 Kgr	1.598 Kgr	1.743 Kgr

BK 2000

80-200HP



The adjustable ploughs BK2000 are ideal for small and large performance requirements. A proven reliable plough for years where the robust construction and the geometrical proportions make it easy to pull and is undoubtedly one of the most traditional and necessary equipment for each farmer.

> Ploughs BK2000 have 3 to 5 shares and are appropriate for tractors from **80-200 HP**



	BK 20003			BK 20004			BK 20005		
Number of shares	3			4			5		
Tractor HP	80-110 HP			110-170 HP			170-200 HP		
Under the frame clearance	76 cm			76 cm			76 cm		
Working width adjustment	Mechanically			Mechanically			Mechanically		
Intrrbody distance (cm)	90 cm	95 cm	102 cm	90 cm	95 cm	102 cm	90 cm	95 cm	102 cm
	12"	13"	14"	12"	13"	14"	12"	13"	14"
Working width (inches)	13"	14"	15"	13"	14"	15"	13"	14"	15"
	14"	15"	16"	14"	15"	16"	14"	15"	16"
Working width (cm)	15"	16"	17"	15"	16"	17"	15"	16"	17"
	31	33	36	31	33	36	31	33	36
Working width (cm)	33	36	38	33	36	38	33	36	38
	36	38	41	36	38	41	36	38	41
	38	41	43	38	41	43	38	41	43
Type of mouldboard	M12, K28,K30			M12, K28,K30			M12, K28,K30		
Weight (Kgr)	695 Kgr			875 Kgr			1.025 Kgr		

	BK 200013			BK 200014			BK 200015		
Number of shares	3			4			5		
Tractor HP	80-110 HP			110-170 HP			170-200 HP		
Under the frame clearance	76 cm			76 cm			76 cm		
Working width adjustment	Hydraulically			Hydraulically			Hydraulically		
Intrrbody distance (cm)	90 cm	95 cm	102 cm	90 cm	95 cm	102 cm	90 cm	95 cm	102 cm
Working width (inches)	11"-19"	12"-20"	13"-21"	11"-19"	12"-20"	13"-21"	11"-19"	12"-20"	13"-21"
Working width (cm)	28-49 cm	31-51 cm	33-53 cm	28-49 cm	31-51 cm	33-53 cm	28-49 cm	31-51 cm	33-53 cm
Type of mouldboard	M12, K28,K30			M12, K28,K30			M12, K28,K30		
Weight (Kgr)	745 Kgr			955 Kgr			1.115 Kgr		

KY 2000

90-200HP



The Non stop ploughs are suitable for tillage without interruption in rocky soils and can be adapted to all working conditions. At ploughs in this category you may regulate to each arm the restoration pressure while the new arm system gives an additional advantage, the new arm system which can move the arm in all directions, gives at the tractor operator the advantage to work continuously and to avoid any obstacle.

> Ploughs KY2000 have 3 to 5 shares and are appropriate for tractors from **90-200 HP**



	KY 200013			KY 200014			KY 200015		
Number of shares	3			4			5		
Tractor HP	90-120 HP			110-170 HP			150-200 HP		
Under the frame clearance	76 cm			76 cm			76 cm		
Working width adjustment	Hydraulically			Hydraulically			Hydraulically		
Intrrbody distance (cm)	90 cm	95 cm	102 cm	90 cm	95 cm	102 cm	90 cm	95 cm	102 cm
Working width (inches)	11"-19"	12"-20"	13"-21"	11"-19"	12"-20"	13"-21"	11"-19"	12"-20"	13"-21"
Working width (cm)	28-49 cm	31-51 cm	33-53 cm	28-49 cm	31-51 cm	33-53 cm	28-49 cm	31-51 cm	33-53 cm
Type of mouldboard	M12, K28,K30			M12, K28,K30			M12, K28,K30		
Weight (Kgr)	1.080 Kgr			1.395 Kgr			1.550 Kgr		



We plough...the earth !



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