

Soil Preparation

Standard Eccentric Plough
Spring-Loaded Tine Plough
Spring-Loaded Tine Chisel
Reversible Mouldboard Plough
Profile Frame Plough
Rotary Tiller
Orchard Type Rotary Tiller
Vertical Rotary Tiller
Spring-Loaded Tine Cultivator
Offset Disc Harrow
X Type Disc Harrow





SOIL PREPARATION

Standard Eccentric Plough



NPS Series

Product Description



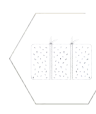
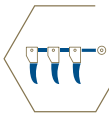
Tractor & plough compatibility



Solid construction superior steel processing



Minimum clod during ploughing, minimum solid cohesion, low hp requirement



Standard Eccentric Plough

NPS	1	2	3	4	5	6	7	8
3 Furrows								
Required Tractor Power (hp)	40-50	45-50	45-60	50-65	60-70	65-70	65-75	75-90
Weight (kg)	230	235	310	314	320	325	380	400
Mouldboard Size(Inch)	8	9	10	11	12	13	14	16
4 Furrows								
Required Tractor Power (hp)	50-60	55-65	60-70	65-75	70-80	75-85	80-90	95-105
Weight (kg)	325	330	430	440	450	455	530	564
Mouldboard Size(Inch)	8	9	10	11	12	13	14	16
5 Furrows								
Required Tractor Power (hp)	55-60	60-65	70-80	80-90	85-95	90-100	95-105	
Weight (kg)	395	400	535	540	590	655	675	
Mouldboard Size(Inch)	8	9	10	11	12	13	14	
6 Furrows								
Required Tractor Power (hp)	60-70	65-75	80-90	85-95	95-110			
Weight (kg)	490	500	635	640	710			
Mouldboard Size(Inch)	8	9	10	11	12			
Options								
Grid Type Mouldboard Clod Breaker								

Technical Details

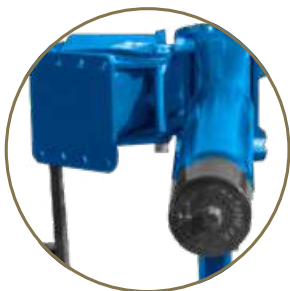


SOIL PREPARATION

Spring-Loaded Tine Plough



NPH Series



Mechanical and hydraulic adjustment of working-width



Optimal under-frame clearance



Uninterrupted work with rough conditions

Technical Details



Spring-Loaded Tine Plough

NPH	1	2	3	4	5	6	7	8
120x100 Frame								
Required Tractor Power (hp)	50-70	55-65	60-75	65-80	70-85	65-75	65-80	80-90
Weight (kg)	600	605	610	615	620	790	795	800
Number of Mouldboards	3	3	3	3	3	4	4	4
Mouldboard Size(Inch)	10	11	12	13	14	10	11	12
NPH	9	10	11	12	13	14	15	
120x100 Frame								
Required Tractor Power (hp)	80-95	85-95	70-90	70-100	80-95	80-100	100-120	
Weight (kg)	805	810	935	940	945	955	960	
Number of Mouldboards	4	4	5	5	5	5	5	
Mouldboard Size(Inch)	13	14	10	11	12	13	14	
NPH	16	17	18	19	20	21	22	23
140x120 Frame								
Required Tractor Power (hp)	80-90	85-95	80-95	85-100	100-120	100-120	100-125	130-160
Weight (kg)	840	880	1040	1070	1100	1220	1230	1300
Number of Mouldboards	4	4	5	5	5	6	6	6
Mouldboard Size(Inch)	12	14	12	13	14	12	13	14
Options								
Grid Type Mouldboard Clod Breaker +1 Mouldboard with Extra Frame								

Product Description



SOIL PREPARATION

Spring-Loaded Tine Chisel



NPC Series

Product Description



Adjustable rigid tines



Breaks the hardened base inside soil



Spring system allows to work with rough conditions



Spring-Loaded Tine Chisel

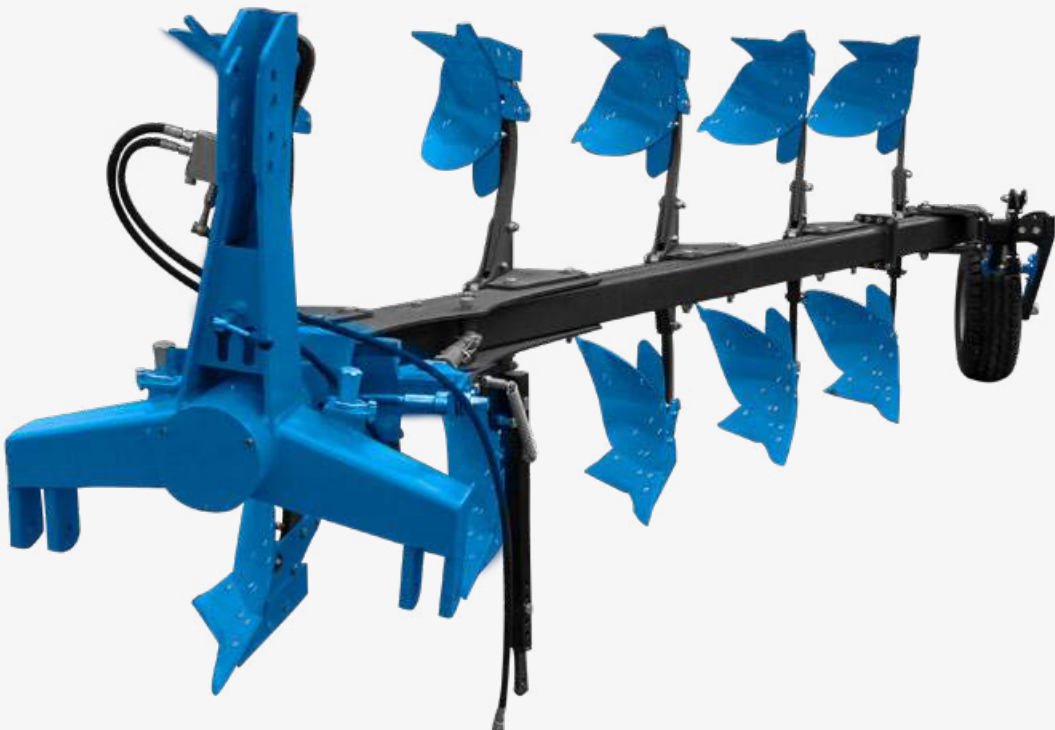
NPC	1	2	3	4	5
Working Width (mm)	1750	2400	3100	3800	4500
Working Depth (mm)	375-450	375-450	375-450	375-450	375-450
Required Tractor Power (hp)	55-70	75-100	90-110	105-115	110-140
Weight (kg)	465	615	760	890	1075
Number of Tines	5	7	9	11	13
With Roller Combination					
Working Width (mm)	1750	2400	3100	3800	4500
Working Depth (mm)	375-450	375-450	375-450	375-450	375-450
Required Tractor Power (hp)	55-70	75-100	90-110	105-115	110-140
Weight (kg)	900	1025	1060	1125	1400
Number of Tines	5	7	9	11	13
Options					
Lightweight and Heavyweight Roller					

Technical Details



SOIL PREPARATION

Reversible Mouldboard Plough



NPR Series

Preserves field level



Adjustable working-width as mechanical and hydraulic



Safety bolt system



Reversible Mouldboard Plough

NPR	1	2	3	4	5	6	7	8	9
120x100 Frame (Lightweight Type)									
Required Tractor Power (hp)	65-80	70-90	80-95	85-100	90-105		105-120	115-130	
Weight (kg)	850	870	900	986	995		1140	1170	
Number of Mouldboards	3	3	3	4	4		5	5	
Mouldboard Size(Inch)	12	14	16	12	14		12	14	
140x120 Frame (Heavyweight Type)									
Required Tractor Power (hp)		70-90	85-100	85-105	90-110	110-130	115-130	120-140	125-150
Weight (kg)		1000	1075	1125	1175	1250	1325	1340	1425
Number of Mouldboards		3	3	4	4	4	5	5	5
Mouldboard Size(Inch)		14	16	12	14	16	12	14	16
Options									
Grid Type Mouldboard Clod Breaker									

Technical Details

Product Description



SOIL PREPARATION

Profile Frame Plough



NPP Series

Product Description



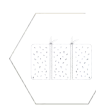
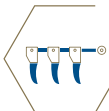
Adjustable working-width as mechanical and hydraulic



Safety bolt system



Tractor & plough compatibility



Profile Frame Plough

NPP	1	2	3	4	5	6	7	8	9
120x100 Frame									
Required Tractor Power (hp)	60-80	65-85		75-90	80-95		95-110		
Weight (kg)	850	870		986	995		1140		
Number of Mouldboards	3	3		4	4		5		
Mouldboard Size(Inch)	12	14		12	14		12		
140x120 Frame									
Required Tractor Power (hp)	65-80	70-85	75-90	80-95	85-100	95-115	95-110	105-120	120-135
Weight (kg)	570	850	620	650	710	800	870	895	930
Number of Mouldboards	3	3	3	4	4	4	5	5	5
Mouldboard Size(Inch)	12	14	16	12	14	16	12	14	16
Options									
Grid Type Mouldboard Clod Breaker +1 Mouldboard with Extra Frame Adjustable Working-Width with Hydraulic Optional 3 or 4 Piece 10 Inch Mouldboards Ploughs									

Technical Details



SOIL PREPARATION

Rotary Tiller



NRT-1 Series

Product Description



Shatter tines prevent forming hard pan in soil



Quick connection system



Long wear knives



Rotary Tiller

Technical Details

NRT 1	1	2	3	4
Working Width (mm)	2300	2500	2800	3000
Working Depth (mm)	50-220	50-220	50-220	50-220
Required Tractor Power (hp)	75-90	90-100	95-110	105-120
Weight (kg)	1020	1070	1120	1160
With Lightweight Roller				
Working Width (mm)	2300	2500	2800	3000
Working Depth (mm)	50-220	50-220	50-220	50-220
Required Tractor Power (hp)	75-90	90-100	95-110	105-120
Weight (kg)	1135	1195	1250	1290
With Heavyweight Roller				
Working Width (mm)	2300	2500	2800	3000
Working Depth (mm)	50-220	50-220	50-220	50-220
Required Tractor Power (hp)	75-90	90-100	95-110	105-120
Weight (kg)	1150	1210	1250	1320
Options				
Lightweight and Heavyweight Roller				



SOIL PREPARATION

Orchard Type Rotary Tiller



NRT-2 Series

Product Description

Easy to use in small scale orchards



Adjustable working-depth



Hydraulic sliding system ensuring safety for trees



Quick connection system



Orchard Type Rotary Tiller

Technical Details

NRT 2	1	2	3	4
Working Width (mm)	1550	1800	2100	2350
Working Depth (mm)	220	220	220	220
Required Tractor Power (hp)	40-60	45-65	50-70	70-90
Weight (kg)	400	425	450	480
Hydraulic Sliding				
Working Width (mm)	1550	1800	2100	2350
Working Depth (mm)	220	220	220	220
Required Tractor Power (hp)	40-60	45-65	50-70	70-90
Weight (kg)	450	475	510	550
Options				



SOIL PREPARATION

Vertical Rotary Tiller



NRT-3 Series

- Can be combined with seeder
- Efficient work on humid soils



Prevents forming of hard pan in soil

Product Description



Vertical Rotary Tiller

NRT 3	1	2	3	4
Working Width (mm)	2500	3000	3500	4000
Working Depth (mm)	300	300	300	300
Required Tractor Power (hp)	80-120	90-120	105-150	110-160
Weight (kg)	1200	1350	1500	1650
With Roller				
Working Width (mm)	2500	3000	3500	4000
Working Depth (mm)	300	300	300	300
Required Tractor Power (hp)	85-125	95-125	110-160	120-160
Weight (kg)	1500	1700	1850	2000
Options				
Roller				

Technical Details



SOIL PREPARATION

Spring-Loaded Tine Cultivator



NCL Series

Product Description



Safe and vibrant work with independent springs



Adjustable tines



Spring-Loaded Tine Cultivator

NCL	1	2	3	4	5	6
Working Width (mm)	2350	2850	3400	3400	3900	4400
Required Tractor Power (hp)	75-85	85-95	95-110	90-105	105-140	140-170
Weight (kg)	460	540	625	710	850	1000
Number of Tines	9	11	13	13	15	17
Number of Rows	2	2	2	3	3	3
With Roller Combination						
Working Width (mm)	2350	2850	3400	3400	3900	4400
Required Tractor Power (hp)	75-85	85-95	95-110	90-105	110-140	150-170
Weight (kg)	725	800	920	1010	1140	1275
Number of Tines	9	11	13	13	15	17
Number of Rows	2	2	2	3	3	3
Options						
Lightweight and Heavyweight Roller Double Roller (Not an option with 9 tines)						

Technical Details



SOIL PREPARATION

Offset Disc Harrow



NDR Series

Product Description



Optimal disc angles to work efficient



Uninterrupted tillage with independent springs



Offset Disc Harrow

Technical Details

NDR	1	2	3	4	5	6	7
56 Disc							
Required Tractor Power (hp)	55-60	60-65	65-70	70-75	75-85	85-95	95-105
Weight (kg)	850	950	1025	1200	1300	1525	1650
Number of Discs	16	18	20	22	24	26	28
With Roller							
Required Tractor Power (hp)	55-60	60-65	65-70	70-75	75-85	85-95	95-105
Weight (kg)	850	950	1025	1200	1300	1525	1650
Number of Discs	16	18	20	22	24	26	28
61 Disc							
Required Tractor Power (hp)	65-70	75-85	85-95	95-105	105-120	120-140	140-160
Weight (kg)	1000	1150	1300	1375	1500	1650	1800
Number of Discs	16	18	20	22	24	26	28
With Roller							
Required Tractor Power (hp)	65-70	75-85	85-95	95-105	105-120	120-140	140-160
Weight (kg)	1300	1400	1500	1625	1750	1900	2050
Number of Discs	16	18	20	22	24	26	28
Options							
Lightweight and Heavyweight Roller							



SOIL PREPARATION

X Type Disc Harrow



NDX Series

- Adjustable working depth
- Adjustable axle angles
- Low power requirement



Optimal disc angles to work efficient

Product Description



X Type Disc Harrow

NDX	1	2	3	4
51 Disc Lightweight Type				
Working Width (mm)	2400	2750	3100	3400
Required Tractor Power (hp)	60-70	70-80	80-95	90-110
Weight (kg)	930	1000	1100	1240
Disc Space (mm)	170	170	170	170
Number of Discs	24	28	32	36
56 Disc Heavyweight Type				
Working Width (mm)	2500	3000	3500	4000
Required Tractor Power (hp)	65-75	75-85	85-100	90-110
Weight (kg)	930	1000	1100	1240
Disc Space (mm)	170	170	170	170
Number of Discs	24	28	32	36
Options				

Technical Details