

BOTTAN	FIXED TOWBAR	WITH BRAKE	HOTAH
	JOWBAR		

TECHNICAL DATA		MDVN 22 K	MDVN 27 K	MDVN 21 K	MDVN 21 D	MDVN 27 K	MDVN 27 D	MDVN / / K	MDVN / / D
TECHNICAL DATA	lt/min	MDVN 22 K 2000	MDVN 26 K 2500	MDVN 31 K 3000	MDVN 31 P 3000	MDVN 37 K 3600	MDVN 37 P 3600	MDVN 46 K 4500	MDVN 46 P 4500
TREE AIR DELIVERT									
(130 1217)	CFM	71	90	106	106	127	127	159	159
OPERATING PRESSURE	bar	6.5	6.5	7	7	7	7	7	7
	psi	94	94 Panaih	102	102	102	102	102	102
Possibility to have different operating pressures up to 14/15 bar and dual pressure  TRANSMISSION  Description: Secondary Seco									
MOTOR-SCREW UNIT		Belt drive	Belt drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive	Direct drive
ENGINE MAKE	Kubota	Kubota	Kubota	Perkins	Kubota	Perkins	Kubota	Perkins	
	D902-E3B	D1105-E3B	V-1505-E4B	403D-15	V-1505-E4B	403D-15	V2403-M-DI	404D-22	
ASPIRATION		Natural	Natural	Natural	Natural	Natural	Natural	Natural	Natural
COOLING SYSTEM		Water	Water	Water	Water	Water	Water	Water	Water
NO. ENGINE CYLINDER		3	3	4	3	4	3	4	4
ENGINE POWER	Kw	18.5	18.5	26.2	25	26.2	25	36.5	37
LIVOINE FOWER	Нр	25	25	35	34	35	34	49	50
MAX ENGINE	RPM	3600	3000	2650	2700	3000	3000	2450	2500
MIN ENGINE	RPM	1900	1900	1600	1900	1600	1900	1600	1700
LENGTH	mm	1478	1478	1600	1600	1600	1600	1780	1780
(without drawbar)	inches	58.2	58.2	63.0	63.0	63.0	63.0	70.1	70.1
LENGTH	mm	3020	3020	3015	3015	3015	3015	3191	3191
(with drawbar)	inches	118.9	118.9	118.7	118.7	118.7	118.7	125.6	125.6
WIDTH	mm	1410	1410	1360	1360	1360	1360	1340	1340
	inches	55.5	55.5	53.5	53.5	53.5	53.5	52.8	52.8
HEIGHT	mm	1200	1200	1300	1300	1300	1300	1320	1320
	inches	47.2	47.2	51.2	51.2	51.2	51.2	52.0	52.0
WEIGHT (Without Brakes)	Kg	1000	550	1/00	650	1/00	650	850	870
	Lb	1080 580	1210 640	1499 700	1433 660	1499	1433 660	1874 950	1918 <i>925</i>
WEIGHT (With Brakes)	<i>Kg</i> Lb	1280	1411	1543	1455	700 1543	1455	2094	2039
	LD			1343	1455	1343			
TECHNICAL DATA		MDVN 53 K	MDVN 53 P	MDVN 53 PTA	MDVN 72 D	MDVN 72 K	MDVN 81 D	MDVN 81 K	MDVN 86 D
TECHNICAL DATA	lt/min	MDVN 53 K 5200	MDVN 53 P 5200	MDVN 53 PTA 5200	MDVN 72 D 7100	MDVN 72 K	MDVN 81 D 8000	MDVN 81 K 8200	MDVN 86 D 8500
FREE AIR DELIVERY (ISO 1217)	lt/min	5200	5200	5200	7100	7100	8000	8200	8500
FREE AIR DELIVERY	CFM	5200 185	5200 185	5200 185	7100 <i>251</i>	7100 <i>251</i>	8000 283	8200 <i>290</i>	8500 300
FREE AIR DELIVERY	CFM bar	5200 185 7	5200 185 7	5200 185 7	7100 251 7	7100 251 7	8000 283 8	8200 290 7	8500 300 7
FREE AIR DELIVERY (ISO 1217)	CFM	5200 185	5200 185 7 102	5200 185 7 102	7100 251 7 102	7100 251 7 102	8000 283 8 116	8200 290 7 102	8500 300
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE	CFM bar	5200 185 7	5200 185 7 102	5200 185 7 102	7100 251 7 102	7100 251 7 102	8000 283 8 116	8200 290 7	8500 300 7
FREE AIR DELIVERY (ISO 1217)	CFM bar	5200 185 7	5200 185 7 102	5200 185 7 102	7100 251 7 102	7100 251 7 102	8000 283 8 116	8200 290 7 102	8500 300 7
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT	CFM bar	5200 185 7 102	5200 185 7 102 The machines ca	5200 185 7 102 n be obtained wit	7100 251 7 102 h different pressu	7100 251 7 102 ures, up to 14/15 b	8000 283 8 116 par and the option	8200 290 7 102 a double pressure	8500 300 7 102
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION	CFM bar	5200 185 7 102 Direct drive	5200 185 7 102 The machines ca	5200 185 7 102 n be obtained wit Direct drive	7100 251 7 102 h different pressu	7100 251 7 102 Ires, up to 14/15 b	8000 283 8 116 bar and the option Direct drive	8200 290 7 102 a double pressure Direct drive	8500 300 7 102 Direct drive
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT	CFM bar	5200 185 7 102 Direct drive	5200 185 7 102 The machines ca Direct drive Perkins	5200 185 7 102 n be obtained wit Direct drive Perkins	7100 251 7 102 h different pressu Direct drive Deutz	7100 251 7 102 ures, up to 14/15 l Direct drive Kubota	8000 283 8 116 bar and the option Direct drive Deutz	8200 290 7 102 1 double pressure Direct drive Kubota	8500 300 7 102  Direct drive Deutz
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT ENGINE MAKE	CFM bar	5200 185 7 102 Direct drive Kubota V2403-M-DI	5200 185 7 102 The machines ca Direct drive Perkins 404D-22	5200 185 7 102 n be obtained wit Direct drive Perkins 404D-22T	7100 251 7 102 h different pressu Direct drive Deutz F4M2011	7100 251 7 102 Ires, up to 14/15 I Direct drive Kubota V-2607-DI-T	8000 283 8 116 par and the option Direct drive Deutz BF4M2011	8200 290 7 102 n double pressure Direct drive Kubota V-3307-DI-T-E3B	8500 300 7 102  Direct drive Deutz BF4M2011
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT ENGINE MAKE ASPIRATION	CFM bar	5200 185 7 102 Direct drive Kubota V2403-M-DI Natural	5200 185 7 102 The machines ca Direct drive Perkins 404D-22 Natural	5200 185 7 102 n be obtained wit Direct drive Perkins 404D-22T Turbo	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural	7100 251 7 102 Ires, up to 14/15 to Direct drive Kubota V-2607-DI-T Turbo	8000 283 8 116 par and the option Direct drive Deutz BF4M2011 Turbo	8200 290 7 102 n double pressure Direct drive Kubota V-3307-DI-T-E3B	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT ENGINE MAKE ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER	CFM bar	5200 185 7 102  Direct drive Kubota V2403-M-DI Natural Water	5200  185  7  102  The machines ca  Direct drive  Perkins 404D-22  Natural  Water	5200  185  7  102 n be obtained wit  Direct drive  Perkins 404D-22T  Turbo  Water	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil	7100 251 7 102 Ires, up to 14/15 I Direct drive Kubota V-2607-DI-T Turbo Water	8000 283 8 116 par and the option Direct drive Deutz BF4M2011 Turbo Oil	8200 290 7 102 n double pressure Direct drive Kubota V-3307-DI-T-E3B Turbo Water	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo Oil
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT ENGINE MAKE ASPIRATION COOLING SYSTEM	CFM bar psi	5200 185 7 102 Direct drive Kubota V2403-M-DI Natural Water 4	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4	5200  185  7  102 n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4	7100 251 7 102 Ires, up to 14/15 L Direct drive Kubota V-2607-DI-T Turbo Water 4	8000 283 8 116 bar and the option Direct drive Deutz BF4M2011 Turbo Oil 4	8200 290 7 102 double pressure Direct drive Kubota V-3307-DI-T-E3B Turbo Water 4	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo Oil 4
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT ENGINE MAKE ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER	CFM bar psi	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37	5200  185  7  102 n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5	7100 251 7 102 Ires, up to 14/15 l Direct drive Kubota V-2607-DI-T Turbo Water 4 49.2	8000 283 8 116 bar and the option Direct drive Deutz BF4M2011 Turbo Oil 4 65	8200 290 7 102 double pressure  Kubota V-3307-DI-T-E3B Turbo Water 4 55.4	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo Oil 4 65
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT  ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER ENGINE POWER	CFM bar psi  Kw Hp	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5  49	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50	5200  185  7  102  n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5	7100  251  7  102  Ires, up to 14/15 l  Direct drive  Kubota  V-2607-DI-T  Turbo  Water  4  49.2  66	8000 283 8 116 par and the option Direct drive Deutz BF4M2011 Turbo Oil 4 65 88	8200 290 7 102 double pressure  Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo Oil 4 65 88
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER ENGINE POWER  MAX ENGINE MIN ENGINE	CFM bar psi  Kw Hp RPM	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5  49  2700	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50  2900	5200  185  7  102  n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61  2900	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5 65 2800	7100  251  7  102  Ires, up to 14/15 l  Direct drive  Kubota V-2607-DI-T  Turbo  Water  4  49.2  66  2700	8000  283  8  116 bar and the option  Direct drive  Deutz  BF4M2011  Turbo  Oil  4  65  88  2800	8200 290 7 102 double pressure Direct drive Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75 2600	8500 300 7 102 Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT  ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER ENGINE POWER MAX ENGINE	CFM bar psi  Kw Hp	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5  49  2700  1600	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50  2900  1700	5200  185  7  102 n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61  2900  1700	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5 65 2800 1800	7100  251  7  102  Ires, up to 14/15 l  Direct drive  Kubota V-2607-DI-T  Turbo  Water  4  49.2  66  2700  1600	8000  283  8  116  par and the option  Direct drive  Deutz  BF4M2011  Turbo  Oil  4  65  88  2800  1800	8200 290 7 102 double pressure Direct drive Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75 2600 1600	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT  ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER  ENGINE POWER  MAX ENGINE MIN ENGINE LENGTH (without drawbar)	Kw Hp RPM RPM inches	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5  49  2700  1600  1780  70.1	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50  2900  1700  1780	5200  185  7  102  n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61  2900  1700  1835	7100  251  7  102 h different pressu  Direct drive  Deutz  F4M2011  Natural  Oil  4  48.5  65  2800  1800  2100	7100 251 7 102 Ires, up to 14/15 l Direct drive Kubota V-2607-DI-T Turbo Water 4 49.2 66 2700 1600 2100	8000  283  8  116  bar and the option  Direct drive  Deutz  BF4M2011  Turbo  Oil  4  65  88  2800  1800  2100	8200 290 7 102 n double pressure  Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75 2600 1600 2100	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800 2100
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT  ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER ENGINE POWER  MAX ENGINE MIN ENGINE LENGTH	CFM bar psi  Kw Hp RPM RPM mm	5200  185  7  102  Direct drive  Kubota V2403-M-DI  Natural  Water  4  36.5  49  2700  1600  1780	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50  2900  1700  1780  70.1	5200  185  7  102  n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61  2900  1700  1835  72.2	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5 65 2800 1800 2100 82.7	7100 251 7 102 Ires, up to 14/15 I Direct drive Kubota V-2607-DI-T Turbo Water 4 49.2 66 2700 1600 2100 82.7	8000  283  8  116 par and the option  Direct drive  Deutz  BF4M2011  Turbo  Oil  4  65  88  2800  1800  2100  82,7	8200 290 7 102 n double pressure  Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75 2600 1600 2100 82.7	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800 2100 82.7
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT  ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER ENGINE POWER  MAX ENGINE MIN ENGINE LENGTH (without drawbar) LENGTH (with drawbar)	CFM bar psi  Kw Hp RPM RPM mm inches	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5  49  2700  1600  1780  70.1  3191	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50  2900  1700  1780  70.1  3191	5200  185  7  102  n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61  2900  1700  1835  72.2  3191	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5 65 2800 1800 2100 82.7 3491	7100 251 7 102 Ires, up to 14/15 l Direct drive Kubota V-2607-DI-T Turbo Water 4 49.2 66 2700 1600 2100 82.7 3491	8000 283 8 116 bar and the option Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800 2100 82.7 3491	8200 290 7 102 n double pressure  Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75 2600 1600 2100 82.7 3491	8500 300 7 102 Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800 2100 82.7 3491
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT  ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER  ENGINE POWER  MAX ENGINE MIN ENGINE LENGTH (without drawbar)  LENGTH	Kw Hp RPM RPM inches mm inches	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5  49  2700  1600  1780  70.1  3191  125.6	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50  2900  1700  1780  70.1  3191  125.6	5200  185  7  102  n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61  2900  1700  1835  72.2  3191  125.6	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5 65 2800 1800 2100 82.7 3491 137.4	7100 251 7 102 Ires, up to 14/15 l Direct drive Kubota V-2607-DI-T Turbo Water 4 49.2 66 2700 1600 2100 82.7 3491 137.4	8000  283  8  116 par and the option  Direct drive  Deutz  BF4M2011  Turbo  Oil  4  65  88  2800  1800  2100  82.7  3491  137.4	8200 290 7 102 double pressure  Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75 2600 1600 2100 82.7 3491 137.4 1590	8500 300 7 102 Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800 2100 82.7 3491 137.4
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT  ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER  ENGINE POWER  MAX ENGINE MIN ENGINE LENGTH (without drawbar)  LENGTH (with drawbar)  WIDTH	Kw Hp RPM RPM inches mm inches	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5  49  2700  1600  1780  70.1  3191  125.6  1340  52.8	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50  2900  1700  1780  70.1  3191  125.6  1340  52.8	5200  185  7  102  n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61  2900  1700  1835  72.2  3191  125.6  1515  59.6	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5 65 2800 1800 2100 82.7 3491 137.4 1590 62.6	7100  251  7  102  Ires, up to 14/15 l  Direct drive  Kubota  V-2607-DI-T  Turbo  Water  4  49.2  66  2700  1600  2100  82.7  3491  137.4  1590  62.6	8000 283 8 116 par and the option Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800 2100 82.7 3491 137.4 1590 62.6	8200 290 7 102 double pressure  Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75 2600 1600 2100 82.7 3491 137.4 1590 62.6	8500 300 7 102  Direct drive  Deutz  BF4M2011  Turbo Oil 4 65 88 2800 1800 2100 82.7 3491 137.4 1590 62.6
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT  ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER ENGINE POWER  MAX ENGINE MIN ENGINE LENGTH (without drawbar) LENGTH (with drawbar)	Kw Hp RPM mm inches mm inches mm	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5  49  2700  1600  1780  70.1  3191  125.6  1340  52.8  1320	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50  2900  1700  1780  70.1  3191  125.6  1340  52.8  1320	5200  185  7  102  n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61  2900  1700  1835  72.2  3191  125.6  1515  59.6	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5 65 2800 1800 2100 82.7 3491 137.4 1590 62.6 1640	7100  251  7  102  Ires, up to 14/15 l  Direct drive  Kubota  V-2607-DI-T  Turbo  Water  4  49.2  66  2700  1600  2100  82.7  3491  137.4  1590  62.6  1640	8000 283 8 116 par and the option Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800 2100 82.7 3491 137.4 1590 62.6 1640	8200 290 7 102 double pressure  Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75 2600 1600 2100 82.7 3491 137.4 1590 62.6 1640	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800 2100 82.7 3491 137.4 1590 62.6 1640
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT  ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER ENGINE POWER  MAX ENGINE MIN ENGINE LENGTH (without drawbar) LENGTH (with drawbar) WIDTH  HEIGHT	Kw Hp RPM Inches mm inches mm inches	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5  49  2700  1600  1780  70.1  3191  125.6  1340  52.8  1320  52.0	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50  2900  1700  1780  70.1  3191  125.6  1340  52.8  1320  52.0	5200  185  7  102  n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61  2900  1700  1835  72.2  3191  125.6  1515  59.6  1530  60.2	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5 65 2800 1800 2100 82.7 3491 137.4 1590 62.6 1640 64.6	7100  251  7  102  Ires, up to 14/15 l  Direct drive  Kubota V-2607-DI-T  Turbo  Water  4  49.2  66  2700  1600  2100  82.7  3491  137.4  1590  62.6  1640  64.6	8000  283  8  116 par and the option  Direct drive  Deutz  BF4M2011  Turbo  Oil  4  65  88  2800  1800  2100  82.7  3491  137.4  1590  62.6  1640  64.6	8200 290 7 102 double pressure  Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75 2600 1600 2100 82.7 3491 137.4 1590 62.6 1640 64.6	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800 2100 82.7 3491 137.4 1590 62.6 1640 64.6
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT  ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER  ENGINE POWER  MAX ENGINE MIN ENGINE LENGTH (without drawbar)  LENGTH (with drawbar)  WIDTH	Kw Hp RPM Inches mm inches mm inches Kg	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5  49  2700  1600  1780  70.1  3191  125.6  1340  52.8  1320  52.0  850	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50  2900  1700  1780  70.1  3191  125.6  1340  52.8  1320  52.0  870	5200  185  7  102  n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61  2900  1700  1835  72.2  3191  125.6  1515  59.6  1530  60.2  870	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5 65 2800 1800 2100 82.7 3491 137.4 1590 62.6 1640 64.6	7100 251 7 102 Ires, up to 14/15 l Direct drive Kubota V-2607-DI-T Turbo Water 4 49.2 66 2700 1600 2100 82.7 3491 137.4 1590 62.6 1640 64.6	8000  283  8  116  par and the option  Direct drive  Deutz  BF4M2011  Turbo  Oil  4  65  88  2800  1800  2100  82.7  3491  137.4  1590  62.6  1640  64.6  1370	8200 290 7 102 double pressure Direct drive Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75 2600 1600 2100 82.7 3491 137.4 1590 62.6 1640 64.6 1375	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800 2100 82.7 3491 137.4 1590 62.6 1640 64.6 1370
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT  ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER  ENGINE POWER  MAX ENGINE MIN ENGINE LENGTH (without drawbar)  LENGTH (with drawbar)  WIDTH  HEIGHT  WEIGHT (Without Brakes)	Kw Hp RPM Inches mm inches mm inches Kg Lb	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5  49  2700  1600  1780  70.1  3191  125.6  1340  52.8  1320  52.0  850  1874	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50  2900  1700  1780  70.1  3191  125.6  1340  52.8  1320  52.0  870  1918	5200  185  7  102  n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61  2900  1700  1835  72.2  3191  125.6  1515  59.6  1530  60.2  870  1918	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5 65 2800 1800 2100 82.7 3491 137.4 1590 62.6 1640 64.6 1280 2822	7100 251 7 102 Ires, up to 14/15 l Direct drive Kubota V-2607-DI-T Turbo Water 4 49.2 66 2700 1600 2100 82.7 3491 137.4 1590 62.6 1640 64.6 1275 2811	8000  283  8  116  par and the option  Direct drive  Deutz  BF4M2011  Turbo  Oil  4  65  88  2800  1800  2100  82.7  3491  137.4  1590  62.6  1640  64.6  1370  3020	8200 290 7 102 double pressure  Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75 2600 1600 2100 82.7 3491 137.4 1590 62.6 1640 64.6 1375 3031	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800 2100 82.7 3491 137.4 1590 62.6 1640 64.6 1370 3020
FREE AIR DELIVERY (ISO 1217)  OPERATING PRESSURE  TRANSMISSION MOTOR-SCREW UNIT  ENGINE MAKE  ASPIRATION COOLING SYSTEM NO. ENGINE CYLINDER ENGINE POWER  MAX ENGINE MIN ENGINE LENGTH (without drawbar) LENGTH (with drawbar) WIDTH HEIGHT WEIGHT	Kw Hp RPM Inches mm inches mm inches Kg	5200  185  7  102  Direct drive  Kubota  V2403-M-DI  Natural  Water  4  36.5  49  2700  1600  1780  70.1  3191  125.6  1340  52.8  1320  52.0  850	5200  185  7  102  The machines ca  Direct drive  Perkins  404D-22  Natural  Water  4  37  50  2900  1700  1780  70.1  3191  125.6  1340  52.8  1320  52.0  870	5200  185  7  102  n be obtained wit  Direct drive  Perkins  404D-22T  Turbo  Water  4  45.5  61  2900  1700  1835  72.2  3191  125.6  1515  59.6  1530  60.2  870	7100 251 7 102 h different pressu Direct drive Deutz F4M2011 Natural Oil 4 48.5 65 2800 1800 2100 82.7 3491 137.4 1590 62.6 1640 64.6	7100 251 7 102 Ires, up to 14/15 l Direct drive Kubota V-2607-DI-T Turbo Water 4 49.2 66 2700 1600 2100 82.7 3491 137.4 1590 62.6 1640 64.6	8000  283  8  116  par and the option  Direct drive  Deutz  BF4M2011  Turbo  Oil  4  65  88  2800  1800  2100  82.7  3491  137.4  1590  62.6  1640  64.6  1370	8200 290 7 102 double pressure Direct drive Kubota V-3307-DI-T-E3B Turbo Water 4 55.4 75 2600 1600 2100 82.7 3491 137.4 1590 62.6 1640 64.6 1375	8500 300 7 102  Direct drive Deutz BF4M2011 Turbo Oil 4 65 88 2800 1800 2100 82.7 3491 137.4 1590 62.6 1640 64.6 1370

# A NEW WORKING

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TECHNOLOGY AND ENGINEERING SOLUTIONS





**MDVN RANGE** 

# PORTABLE COMPRESSORS

SUPERSILENT POWERFUL&COMPACT



# MDVN RANGE

A vast range of motorized compressors capable of meeting the highly diverse and demanding needs of professionals in the field. The result of 40 years of ongoing experience, they feature a new and highly appealing design, and are both compact and powerful. Silent and highly reliable through time.

A NEW WORKING CONCEPT!







## Main features

- New, modern design with a more aggressive and streamlined look
- Compact dimensions for handling ease, whilst at the same offering high performance levels
- Environmental respect: the general acoustic pressure levels are at the lowest levels as indicated in the current legislative limits
- Motorization system using liquid cooling system only, which is more reliable and less noisy
- Special "BS" sandblasting version that includes a compressed air cooling radiator and an automatic condensation separator to ensure the delivery of de-humified air.
- Protection device for cold starting of the diesel engine.



The respect of ordinary maintenance intervals and the use of genuine spare parts ensure constant and optimal performances and a reliable durability through time





ULTRA-SILENT

# Why Rotair...

- For its over 40 years of experience in the compressor manufacturing field.
- For the ease and versatility of use of its products; available with:
- operating pressure up to 14/15 bar-203/218 psi
- personalized fittings: skid-mounted versions, "BS special sand-blasting" versions.
- fittings ideal for fast towing with lighting system and homologated for road circulation.
- Thanks to the highly advanced technological input and the intrinsic quality of its machines which have been further improved and enhanced.
- Thanks to its reduced and simplified maintenance needs of its "easy maintenance" system of easily accessible service points.
- Thanks to the high quality of the construction processes used to ensure constant reliability and the enhanced value of the product through time.

An exclusive device (option) allowing to reduce up to 20%\* the fuel consumption!



Less environmental pollution! More operative autonomy! Lower hourly costs!

Another important reason to choose ROTAIR quality...

\*Variable consumption depending on working







made of transparent plastic material for immediate level checking. Also fitted with a wide filler inlet.

layout clean and easy for a quick and efficient maintenance and control

RELIABLE

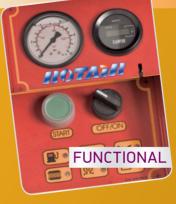
in resistant and highly non-deformable material.

**RESISTANT** 

### START/STOP SYSTEM

aptly known as the "INTELLIGENT SYSTEM" which prevents the risk of any incorrect procedures during specific functioning.

INTELLIGENT



### CONTROL BOARD

complete and fully functional using a "NO KEY" system. So that no keys are needed for internal access to the unit and for its ignition.



# SCREW SET ENTIRELY DESIGNED AND MANUFACTURED BY ROTAIR with ground profile of Rotair exclusive manufacture and design, guaranteed for 2 years regardless of the total number of working hours involved.

The asymmetric profile with oil injection is created by means of high pressure grinding that ensures excellent performance of the set in the compression stage, reducing the required energy dispersion to a minimum. The installed screw sets are of direct transmission type without geared rev multiplier. This solution reduces wear of the screw set and overheating, ensures reduced noise emissions and fuel consumption savings.