



# Motor Graders

MG1217A/PY185/PY185A/PY200TF



- Low emission and high efficiency Steyr diesel engine for MG1217A and C6121 diesel engine for PY185A/PY200TF
- Electro-hydraulic control, ZF power-shift transmission gearbox for PY185A/PY200TF.
- Full-closed, low-noise, ROPS/FOPS cabin.
- Adjustable blade control system.
- Open hydraulic system (HUSCO valve).
- Full-closed, box-section front/rear frame, could be mounted various working implements.
- Whole-hydraulic brake system with German Rexroth components for PY185A/PY200TF.
- Heavy load, auto-lock/unlock "NO-SPIN" differential.
- Front dozer-blade, rear ripper, scarifier are optional.

Model		MG1217A	PY185	PY185A	PY200TF
Total weight	Kg	14300	15000	16000	16500
Front axle	Kg	4100	4500	4400	4650
Rear axle	Kg	10200	10500	11600	11850
Engine rated power	kW	175	154	162	162
Max traction	kN	85	96	103	110
Blade cutting force(ISO)	Kg	7030	7100	7700	9000
External dimensions(L)	mm	8770	8850	9250	9250
External dimensions(W)	mm	2600	2600	2600	2600
External dimensions(H)	mm	3330	3330	3330	3330
Wheelbase(Front axle to rear axle)	mm	6300	6453	6340	6340
Wheelbase(Middle axle to rear axle)	mm	1554	1550	1554	1550
Tread distance	mm	2250	2250	2250	2250
Max. front wheel steering angle	°	50	50	45	45
Max. articulated steering angle	°	25	25	20	20
Min. turn radius	mm	7500	7500	8100	8100
Blade length	mm	3658	3658	3962	3962
Arch height	mm	610	610	610	610
Max. tilting angle	°	90	90	90	90
Rotating angle	°	360	360	360	360
Earth-cutting angle range	°	30~65	30~65	30~65	30~65
Max. side-extending length(Left/Right)	mm	2980/3310	2980/3310	2330/3310	2330/3310