

# Marchetti Trio MG 12.28

### TRIO Three machines in one!

- 2 m wide
- 4.5 m long (12.7 t total weight)
- 2.85 m high with Rops/Rops cab
- 3.65 m high with low cab
- 360° continuous slewing
- 4x4 hydrostatic transmission
- Adjustable oil-air suspension
- Single tyres 345/80 R20 on each axle
- Hydrostatic steering proportional to speed. Three different steering modes selected from driving place
- 4 telescopic boom outriggers
- Outriggers width 4 m and 3 m
- 5 section full power telescopic boom 6.15 to 19.1 m length
- Safe load indicator
- Ground load sensor
- 20.42 max. axle load
- 4 wheel air-ride Perkin Diesel engine Power: 83 kW (112.7 cv) at 2400 r.p.m.
- 40 km/h max. travel speed
- Hydraulic system including elevated high pressure pumps, Oil cooler
- Two independent hydraulic braking systems
- Cab, ultrasonic glasses with opening rear window, modernized safety heater, adjustable seat with arm rests
- Maximum capacity on outriggers 12 to 75% - 13 t to 85%
- 9 t maximum free - on - cushion - wheel capacity
- Aerial platform stowed

### Trio is... Mini Rough Terrain Crane with telescopic boom (12 tonne capacity)

**Fly jibs**

- 3.7-5.7 m
- Maximum height 28 m
- Maximum radius 21 m
- 360°

**Free-on-wheel capacities**

- On tyres 345/80 R20
- Maximum radius 4.2t → 2.5 m
- On Cushion wheels
- Maximum radius 9t → 3.5 m

### Trio is... Fork telehandler (2.5 tonne capacity)

**Lifting forks**

- Maximum height 21 m
- Maximum radius 13.5 m
- 2.3t
- 0.85t
- 1.3t

**Crane performance**

- Single line speed 0.95 m/min
- Slewing speed 0-2.3 R.p.m
- Derricking 16 sec.
- Boom telescoping 41 sec.

**Steering modes**

### Trio is... Fully powered aerial access work platform (24 m high, 200 kg capacity) Basket (28 m high, 120 kg capacity)

**One-man basket**

- 28 m
- 18.5 m
- 360°
- 120kg

**Aerial access platform**

	5.15 m	6.95 m	8.75 m	11.86 m	14.96 m	18.07 m	19.1 m
75%	85%	75%	85%	75%	85%	75%	85%
1	12	13	18	10.07	9	9.2	
2	10	10.67	9.88	7.99	8.27	6.4	5.74
3	8.3	8.86	7.81	6.17	6.74	5.4	5.76
4	6.7	7.15	6.5	5.01	5.37	4.5	5.24
5	5.9	6.3	5.4	4.56	5.07	4.4	4.8
6	4.8	4.88	4.1	3.7	4.1	3.2	3.41
7	3.4	3.48	3.1	3.17	3.49	3.05	3.44
8		2.45	2.41	2.65	2.81	2.4	2.77
9			2.15	2.24	2.39	2.25	2.4
10				1.8	1.92	1.74	1.92
11					1.67	1.72	1.6
12						1.47	1.41
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Subject to variations without notice.