



CENTAURO

70 EXPORT



CENTAURO 70

EXPORT

Technical data

Engine

Type	SAME 1004 P	Piston displacement	229 cu. ins. (3768 cm ³)
	with counter-rotating weights	Compression ratio	17 : 1
Cycle	Diesel	Max. horsepower HP-DIN/KW	68/50
Strokes	4	Max. power ratio	2300 r.p.m.
Injection	direct	Cooling system	air and oil
Number of cylinders	4	Lubrication	forced
Cylinder arrangement	vertical, in line	Injection pump	in line, immersed type
Bore	3.93 ins. (100 mm)	Air filter	dry
Stroke	4.72 ins. (120 mm)	Silencer	vertical

Transmission clutch: Dual dry plate made of organic material. Separate controls: pedals for the transmission, hand lever for the P.T.O.

Transmissions: Maximum speed: 19 m.p.h. (30 km/h.). Fully synchronized: 12 forward speeds, 12 reverse with reverser. Gear shift lever fitted with safety interlock device preventing engine from starting when gears are engaged.

Differential lock: Mechanically controlled by foot pedal: automatic disengagement upon release of pedal.

Service brakes: Hydrostatically-operated oil bath discs made of sintered material: 3 discs per part located ahead of the final reduction units.

Parking brake: 3 oil bath discs, fully independent of the service brakes. Mechanically operated. Hand lever control.

Steering: Hydrostatic steering.

Front axle: Telescopic variable track.

Front wheel drive: With central differential and direct transmission shaft. Epicyclic reductions units.

Power take off (P.T.O.)

● 540 and 1000 r.p.m. P.T.O. with selector lever.

● 1,3/8" single drive shaft with 6 splines.

Automatic control unit (A.C.U.): Fully independent system. Lower link depth control sensing. Position float and depth control. Max. lifting capacity: 8157 lbs. (3700 kg.). Gear pump giving 9.02 Imp. gals (41 l/min.). Hydraulic circuit setting pressure: 2489 psi (175 kg/sq. cm.). Cat. II 3-point linkage with telescopic anti-jolt stabilizers. 1 double-acting + 1 single-acting hydraulic distributor.

Standard tyres

2-wheel drive	7.50/16 front wheels	16.9/14-30 rear wheels
4-wheel drive	13.6/12-24 front wheels	16.9/14-30 rear wheels

Body: Driver's platform mounted on silent-block suspensions including mudguards and lower part of safety frame. Central gear shift levers. Suspended pedals. Hydraulic lift, hydraulic distributor and P.T.O. selector control levers on right hand side of driver. Fuel tank capacity: 26.4 Imp. gals (120 l.) (situated to the rear of the tractor).

Electrical equipment: Electrical equipment suitable for public roads, with front grill incorporated head lamps, and swinging rear headlight. Voltage 12 volts. Alternator with built-in regulator 660 Watt. Battery 110 amp/h and 490 amp. quick discharge. Starter motor 3.5 kW.

Towing components: Front towing clevis. Cat. «C» rear trailer hitch.

Optionals extras: Air filter with 2 paper filter elements. ● Thermostarter. ● Horizontal silencer. ● 16 mph (25 km/h) max. speed gear box. ● Gear box with superreduction gear 16 forward + 16 reverse. ● Front wheel drive with «NO SPIN» self-releasing differential. ● P.T.O. synchronized with rear wheels. ● Belt pulley. ● Hydraulic braking system for trailer. ● Hydraulic assistor jacks. ● Lower lifting arms with automatic hitch. ● 4-ways auxiliary distributor. ● Soundproof safety cab approved according to international standards complete with heating, forced ventilation, with lift-up windscreen and rear window, 2 doors. ● Air-conditioning system. ● Athermic glass. ● Safety frame approved according to international standards. ● Sun canopy. ● De luxe seat. ● De luxe seat with armrests. ● Safety belt. ● Passenger's seat. ● Front mudguards. ● Box-type front ballast with support. ● Ring-type rear ballast. ● Cat. «A» swinging rear trailer hitch on a drilled support. ● Trailer hand-brake support. ● Emergency flashlight.

Tyres

2-wheel drive

7.50-16 front wheels
6.50-20 front wheels
7.50-18 front wheels
6.50-20 front wheels
6.50-20 front wheels
7.50-18 front wheels
9.00-16 front wheels
11.2/10-24 front wheels
13.6/12-24 front wheels
12.4/11-28 front wheels
14.9/13-24 front wheels

4-wheel drive

14.9/13-30 rear wheels
13.6/12-36 rear wheels
13.6/12-38 rear wheels
16.9/14-30 rear wheels
13.6/12-38 rear wheels
16.9/14-34 rear wheels
16.9/14-34 rear wheels
14.9/13-30 rear wheels
13.6/12-36 rear wheels
13.6/12-38 rear wheels
16.9/14-34 rear wheels

Speeds

Forward speeds in m.p.h. (km/h) at 2300 r.p.m. with 16.9/14-30 rear tyres.

GEARS	VERSION		VERSION	
	19 m.p.h.	(30 km/h)	16 m.p.h.	(25 km/h)
1 SR	0.30	(0.48)	0.25	(0.40)
2 SR	0.39	(0.63)	0.32	(0.52)
3 SR	0.51	(0.82)	0.42	(0.67)
4 SR	0.66	(1.07)	0.55	(0.88)
1 L	0.93	(1.49)	0.76	(1.22)
2 L	1.21	(1.95)	0.99	(1.60)
3 L	1.57	(2.52)	1.29	(2.07)
4 L	2.06	(3.32)	1.69	(2.72)
1 M	2.75	(4.42)	2.25	(3.62)
2 M	3.61	(5.91)	2.96	(4.76)
3 M	4.65	(7.49)	3.82	(6.14)
4 M	6.13	(9.86)	5.03	(8.09)
1 V	8.00	(12.87)	6.56	(10.55)
2 V	10.51	(16.92)	8.62	(13.87)
3 V	13.55	(21.81)	11.11	(17.88)
4 V	17.83	(28.69)	14.62	(23.52)
1 SR RM	0.25	(0.40)	0.20	(0.32)
2 SR RM	0.33	(0.53)	0.27	(0.43)
3 SR RM	0.42	(0.68)	0.35	(0.56)
4 SR RM	0.55	(0.89)	0.45	(0.73)
1 L RM	0.74	(1.23)	0.63	(1.01)
2 L RM	1.01	(1.62)	0.82	(1.32)
3 L RM	1.29	(2.08)	1.06	(1.71)
4 L RM	1.71	(2.75)	1.40	(2.25)
1 M RM	2.27	(3.66)	1.86	(3.00)
2 M RM	2.99	(4.81)	2.45	(3.95)
3 M RM	3.85	(6.20)	3.16	(5.08)
4 M RM	5.07	(8.16)	4.16	(6.69)
1 V RM	6.66	(10.65)	5.42	(8.73)
2 V RM	8.70	(14.00)	7.13	(11.49)
3 V RM	11.22	(18.05)	9.20	(14.80)
4 V RM	14.75	(23.76)	12.00	(19.48)

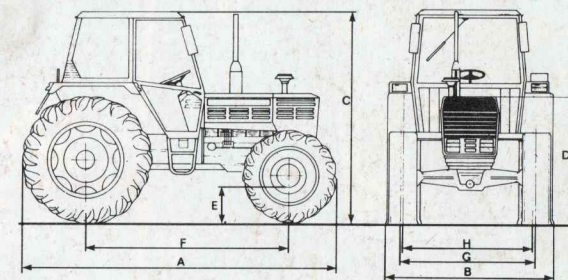
The superreduction gear is optional.

Technical data and illustrations are approximations only. SAME, in its effort to give you the product that you require, reserves the right to update this information at any time without notice.

Dimensions (with 16.9/14-30 rear tyres)

		2 WD	4 WD
Overall length (without linkage)	(A) ins. (mm)	141.3 (3590)	145.7 (3700)
Overall length (with linkage)	(A) ins. (mm)	151.2 (3840)	155.5 (3950)
Overall width	(B) ins. (mm)	76.0 ÷ 95.7 (1930 ÷ 2430)	76.0 ÷ 95.7 (1930 ÷ 2430)
Overall height (with safety frame)	(C) ins. (mm)	102.4 (2600)	102.4 (2600)
Overall height (with cab)	(C) ins. (mm)	107.5 (2730)	107.5 (2730)
Engine hood height	(D) ins. (mm)	63.0 (1600)	63.0 (1600)
Ground clearance	(E) ins. (mm)	18.9 (480)	18.1 (460)
Wheel base	(F) ins. (mm)	91.3 (2320)	91.3 (2320)
Front track:	(G)		
– minimum	ins. (mm)	63.0 (1600)	64.2 (1630)
– normal	ins. (mm)	63.0 (1600)	63.0 (1600)
– maximum	ins. (mm)	86.6 (2200)	70.9 (1800)
Rear track:	(H)		
– minimum	ins. (mm)	59.1 (1500)	59.1 (1500)
– normal	ins. (mm)	59.1 (1500)	59.1 (1500)
– maximum	ins. (mm)	78.7 (2000)	78.7 (2000)
Weight in running order:			
– with safety frame	lbs. (kg)	6614 (3000)	7275 (3300)
– with cab	lbs. (kg)	6989 (3170)	7628 (3460)
Minimum turning radius (with brakes)	ins. (mm)	137.8 (3500)	149.6 (3800)

2-and 4-WHEEL DRIVE



Go ahead with SAME.

SAME TRATTORI S.p.A. - V.le Ing. F. Cassani, 15 - 24047 Treviglio (Bg)
Tel. 0363/4211 - Telex: 311472 Samtra I

Our tractors are lubricated with AGIP products

