



*Price list No. 76*  
*"Greencare"*

*January 2015*

**O.R.M.A. S.R.L.**

Via Giardino 10/A - 40026 Giardino di Imola (Bo) - Italia










tel. +39 0542 55095 fax +39 0542 55467 - e-mail: info@ormasrl.it

**[www.ormasrl.it](http://www.ormasrl.it)**



**Greencare**








**turbine**


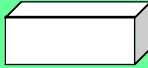
	code	description	€
	<b>360500</b>	<b>PASSEGGIANDO 20 m. 30 turbine</b> (PE hose diam. 1/2" - 98,4 ft. length) with 360° irrigator, adjustable flow rate and irrigation speed, automatic stop and water stopping at end irrigation <b>optionals:</b>	<b>689,00</b>
	<b>260200</b>	<b>sectorial sprinkler</b> →  with 4 mm nozzle	22,00
	<b>260900</b>	<b>handle for Passeggiando</b> → 	31,00
	<b>LE20040N</b>	<b>Leader 20 m. 40 turbine</b> (PE hose diam. 1/2" - 131,2 ft. length) with sprinkler trolley, sectorial sprinkler with nozzles 4 mm, adjustable flow rate and irrigation speed, automatic stop and water stopping at end irrigation, sprinkler trolley lifting	<b>801,00</b>
	<b>LE0031</b>	5 mt. (16,4 ft.) flexible connection pipe	32,00
	<b>LE25050N</b>	<b>Leader 25 m. 50 turbine</b> (PE hose diam. 3/4" - 164 ft. length) with sprinkler trolley, sectorial sprinkler with nozzles 5 6 and 7 mm, adjustable flow rate and irrigation speed, automatic stop and water stopping at end irrigation, sprinkler trolley lifting	<b>1.918,00</b>
	<b>LE0008</b>	3 mt. (9,8 ft.) flexible connection pipe with joints	53,00
	<b>LE0027</b>	boom with adjustable nozzles for under trees and greenhouses	94,00
	<b>LE0001</b>	pallet cm. 120x75 (47,2x29,5 in.) for 2 or 4 L25 machines	22,00
	<b>IMBLE25</b>	box cm. 76x60x90H (30x24x35,5 in.)	22,00
	<b>LE0004</b>	box with pallet cm. 76x60x90H (30x24x35,5 in.)	37,00
	<b>LE32070P</b>	<b>Leader 32 m. 70 turbine</b> (PE hose diam. 1" - 240 ft. length) with sprinkler trolley, sectorial sprinkler with nozzles 6 7 and 8 mm, adjustable flow rate and irrigation speed, automatic stop and water stopping at end irrigation, sprinkler trolley lifting	<b>2.637,00</b>
	<b>LE0009</b>	3 mt. (9,8 ft.) flexible connection pipe with joints 	68,00
	<b>LE0026</b>	water pressure regulator 45 m.c.a. →	77,00
	<b>LE0028</b>	boom with adjustable nozzles for under trees and greenhouses	94,00
	<b>LE0021</b>	pallet cm. 90x90 (35,4x35,4 in.)	22,00
	<b>LE0005</b>	box with pallet cm. 90x90x105H (35,4x35,4x41,3 in.)	61,00
	<b>LE32120P</b>	<b>Leader 32 m. 120 turbine</b> (PE hose diam. 1" - 394 ft. length)	<b>3.335,00</b>
	<b>LE40120P</b>	<b>Leader 40 m. 120 turbine</b> with sprinkler trolley, sectorial sprinkler with nozzles 6 7 and 8 mm (L32) and 8 9 and 10mm (L40), adjustable flow rate and irrigation speed, automatic stop and water stopping at end irrigation, sprinkler trolley lifting	<b>3.458,00</b>
	<b>LE0009</b>	3 mt. (9,8 ft.) flexible connection pipe with joints 	68,00
	<b>LE0026</b>	water pressure regulator 45 m.c.a. →	77,00
	<b>LE0011</b>	boom for under trees and greenhouses (sprinkling width 6/8 m)	109,00
	<b>LE0002</b>	pallet cm. 140x100 (55,1x39,4 in.)	51,00
<b>LE0006</b>	box with pallet cm. 144x103x140H (56,7x40,6x55,1 in.)	98,00	



**Greencare**

**turbine**

	code	description	€
	<b>LE32120A</b>	<b>Leader 40 m. 120 turbine</b> (PE hose diam. 1"1/4 - 394 ft. length)	<b>3.769,00</b>
	<b>LE40120A</b>	<b>Leader 40 m. 120 aluminium turbine</b> with sprinkler trolley, sectorial sprinkler with nozzles 6 7 and 8 mm (L32) and 8 9 and 10mm (L40), adjustable flow rate and irrigation speed, automatic stop and water stopping at end irrigation, sprinkler trolley lifting	<b>3.896,00</b>
	<b>LE0010</b>	3 mt. ( 9,8 ft.) flexible connection pipe with joints 	78,00
	<b>LE0026</b>	water pressure regulator 45 m.c.a. 	77,00
	<b>LE0011</b>	boom for under trees and greenhouses (sprinkling width 6/8 m)	109,00
	<b>LE0038</b>	boom in three pieces ( sprinkling width 12m)	469,00
      	<b>LE50150A</b>	<b>Leader 50 m. 150 turbine</b> (PE hose diam. 1"1/2 - 492 ft. length)	<b>5.442,00</b>
	<b>LE50180A</b>	<b>Leader 50 m. 180 turbine</b> (PE hose diam. 1"1/2 - 590 ft. length)	<b>5.549,00</b>
	<b>LE63110A</b>	<b>Leader 63 m. 110 turbine</b> (PE hose diam. 2" - 361 ft. length) with sprinkler trolley, sectorial sprinkler with nozzles 9 10 and 12 mm (L50) or 10 12 and 14mm (L63) adjustable flow rate and irrigation speed, automatic stop and water stopping at end irrigation (overpressure), sprinkler trolley lifting	<b>5.585,00</b>
	<b>LE0012</b>	3 mt. ( 9,8 ft.) flexible connection pipe with joints	104,00
	<b>LE0023</b>	stopping device (to add to standard stop)	174,00
	<b>LE0025</b>	stopping device without water stop (on alternative)	-
	<b>LE0040</b>	water stopping valve at end irrigation for low pressure (on alternative)	74,00
	<b>LE0015</b>	boom for under trees and greenhouses (sprinkling width 8m)	120,00
	<b>LE0033</b>	pallet cm. 170x130 (66,9x51,2 in)	63,00
	<b>LE0034</b>	box with pallet cm. 170x133x175H (66,9x52,4x68,9 in)	121,00
	<b>LE0035</b>	boom 12 m (39,4 ft) long - sprinkling width 16 m (52,5 ft)	734,00
	<b>LE0017</b>	boom 16 m (52,5 ft) long - sprinkling width 20 m (65,6 ft)	1.010,00
	<b>LE0036</b>	hot galvanized trolley with two wheels for booms LE0017-LE0035	694,00
<b>LE0037</b>	filter for booms LE0017 - LE0035	377,00	

DIMENSIONS AND WEIGHTS	kg.		lbs	
<b>Passeggiando 30m</b>	28	cm. 40x80x46	62	16x32x18 in
<b>Leader 20 m.40</b>	35	cm. 40x80x46	62	16x32x18 in
<b>Leader 25 m.50</b>	65	cm. 60x76x80	77	24x30x32 in
<b>Leader 32 m.70</b>	110	cm. 90x90x105	243	36x36x42 in
<b>Leader 32 m.120</b>	200	cm. 103x145x140	441	41x57x55 in
<b>Leader 40 m.120</b>	210	cm. 103x145x140	463	41x57x55 in
<b>Leader 50 m. 150</b>	375	cm. 133x170x175	822	52x67x69 in
<b>Leader 50 m. 180</b>	390	cm. 133x170x175	860	52x67x69 in
<b>Leader 63 m. 110</b>	380	cm. 133x170x175	838	52x67x69 in



## Greencare motorpumps



### MPL...

**Standard equipment:**

- manual starting
- two wheels trailer with manual handle
- 5 lt. standard fuel tank
- hand starting
- suction and outlet flanges for pump
- Lombardini motor and Rovatti pump

### MPL...E

**Standard equipment:**

- electric starting
- two wheels trailer with manual handle
- 5 lt. standard fuel tank
- electric starting
- suction and outlet flanges for pump
- Lombardini motor and Rovatti pump

code	motor	starter	hp	cylinder no.	impeller no.	Ø suction	Ø outlet	€ EURO
MPL009	15LD315	manual	8	1	1	50	32	2.962,00
MPL010	6LD435	manual	10	1	1	60	40	3.109,00
MPL011	15LD500	manual	12	1	1	65	50	3.378,00
MPL012	15LD500	manual	12	1	2	50	40	4.186,00
MPL013	4LD640	manual	13	1	1	65	50	3.941,00
MPL014	4LD640	manual	13	1	2	50	40	4.749,00
code	RPM	performance						consumption lt/h
		Q	H	Q	H	Q	H	
MPL009	3300	100	52	200	51	300	48	1,8
MPL010	2900	200	50	350	45	500	34	1,9
MPL011	2900	600	31	750	29	900	28	2,1
MPL012	2900	200	65	300	62	400	57	2,1
MPL013	2900	600	36	900	32	1200	24	2,4
MPL014	2900	200	72	300	69	400	65	2,4

code	optionals	€ EURO
MP0001	electric starting for Lombardini motor	760,00
MP0002	suction kit with foot valve + 5 mts flexible tube + inlet ball joiners Ø 60	122,00
MP0003	suction kit with foot valve + 3 mts galvanized steel pipe + 2 mts suction rubber pipe with ball joiners +inlet ball joiners Ø 60	263,00
MP0004	suction kit with foot valve + 3 mts galvanized steel pipe + 2 mts suction rubber pipe with ball joiners +inlet ball joiners Ø 80	329,00
MP0005	90° elbow for pump outlet Ø 32 - 1" threaded	10,00
MP0006	90° elbow for pump outlet Ø 40 - 1" 1/4 threaded	13,00
MP0007	90° elbow for pump outlet Ø 50 - 1" 1/2 threaded	16,00
MP0008	90° elbow for pump outlet Ø 60 - 2" threaded	27,00





## Greencare motorpumps

### MPL...E

#### Standard equipment:

two wheels trailer

70 lt. standard fuel tank

legs

electric starting

battery

switch board

suction and outlet flanges for pump

Lombardini motor and Rovatti pump

LDW.... Lombardini motor with water cooled.



code	motor	starter	hp	cylinder no.	impeller no.	Ø suction	Ø outlet	€ EURO
MPL015E	9LD625/2	electric	25	2	1	65	50	7.492,00
MPL016E	9LD625/2	electric	25	2	2	65	50	8.091,00
MPL017E	5LD825/2	electric	28	2	2	65	50	8.506,00
MPL018E	11LD626/3	electric	30	3	2	65	50	10.396,00
MPL019E	LDW1603	electric	30	3	1	80	65	10.765,00
MPL020E	LDW1603	electric	30	3	2	65	50	11.272,00
MPL021E	LDW2204	electric	51	4	1	100	80	11.710,00
MPL022E	LDW2204	electric	51	4	2	80	65	12.079,00
code	RPM	performance						consumption lt/h
		l/min	H m	l/min	H m	l/min	H m	
MPL015E	2600	700	60	900	53	1050	42	4,4
MPL016E	2600	450	85	600	80	750	72	4,4
MPL017E	2600	450	101	750	87	900	75	4,7
MPL018E	2600	400	97	600	90	800	80	4,8
MPL019E	2600	1000	60	1300	56	1600	50	5,1
MPL020E	2600	600	95	750	87	900	75	5,1
MPL021E	2600	1200	64	1800	60	2400	49	9,3
MPL022E	2600	750	114	1000	109	1250	102	9,3
code	optionals							€
MP0009	roof							332,00
MP0010	roof + two security panels on the sides							502,00
MP0011	manual self-priming pump							264,00
MP0012	sheet metal to catch the liquid of the engine							107,00
MP0003	suction kit with foot valve + 3 mts galvanized steel pipe + 2 mts suction rubber pipe with ball joiners +inlet ball joiners Ø 60							263,00
MP0004	suction kit with foot valve + 3 mts galvanized steel pipe + 2 mts suction rubber pipe with ball joiners +inlet ball joiners Ø 80							329,00
MP0013	suction kit with foot valve + 3 mts galvanized steel pipe + 2 mts suction rubber pipe with ball joiners +inlet ball joiners Ø 100							407,00
MP0014	suction kit with foot valve + 3 mts galvanized steel pipe + 2 mts suction rubber pipe with ball joiners +inlet ball joiners Ø 120							505,00
MP0015	outlet valve for motor pump set				dn 65 x 2" x 60			108,00
MP0016	outlet valve for motor pump set				dn 65 x 2"1/2 x 80			129,00
MP0017	outlet valve for motor pump set				dn 80 x 3" x 80			144,00
MP0018	outlet valve for motor pump set				dn 80 x 3" x 100			155,00
MP0022	galvanized swan-neck delivery with ball joint				Ø 60			98,00
MP0023	galvanized swan-neck delivery with ball joint				Ø 80			123,00
MP0024	galvanized swan-neck delivery with ball joint				Ø 100			155,00



## Greencare electric pumps

### Construction

Horizontal multi-stage close coupled pumps in chromenickel stainless steel.

Compact and robust construction, without protruding flange and with single-piece lantern bracket and base.

Single-piece barrel casing, with front suction port above pumps axis and radial delivery at top.

Filling and draining plugs on the middle of the pump, accessible from any side (like the terminal box).



1 phase electric pump	230 V A	max power input kW	rated motor power output kW	rated motor power output HP	suction Ø	outlet Ø	weight kg.	€ EURO
MXHM204	4,2	0,9	0,55	0,75	G 1 1/4	G 1	11	404,00
MXHM205	5,4	1,2	0,75	1	G 1 1/4	G 1	12,5	453,00
MXHM405	7,4	1,5	1,1	1,5	G 1 1/4	G 1	18	692,00
MXHM406	9,2	2	1,5	2	G 1 1/4	G 1	20,5	769,00
MXHM804	9,2	2	1,5	2	G 1 1/2	G 1	19,2	712,00
MXHM805	11,2	2,5	1,8	2,5	G 1 1/2	G 1	22,4	879,00
3 phase electric pump	230 V A	400 V A	rated motor power output kW	rated motor power output HP	suction Ø	outlet Ø	weight kg.	€ EURO
MXH204	2,8	1,6	0,55	0,75	G 1 1/4	G 1	10	404,00
MXH205	3,5	2	0,75	1	G 1 1/4	G 1	11,5	453,00
MXH405	4,7	2,7	1,1	1,5	G 1 1/4	G 1	18	595,00
MXH406	6,2	3,6	1,5	2	G 1 1/4	G 1	19,5	714,00
MXH804	6,2	3,6	1,5	2	G 1 1/2	G 1	18,2	692,00
MXH805	7,5	4,3	1,8	2,5	G 1 1/2	G 1	21,4	809,00
3 phase	1 phase	model	performance					
			l/min	H m	l/min	H m	l/min	H m
MXH204	MXHM204	PASS L20	16,6	42,5	25	40,4	50	30,8
MXH205	MXHM205	L25	41,6	43,5	50	39	58,3	34
MXH405	MXHM405	L32	66,6	45,5	83,3	40	100	33,5
MXH406	MXHM406	L32	66,6	56	83,3	51	100	44
MXH804	MXHM804	L40	100	41	133	37	150	34,5
MXH805	MXHM805	L40 L50	133	47	150	43,5	183	35

### IDROMAT

Regulation device for pump control equipped with flow and pressure sensor connected to an electronic system.

Built-in check valve.

Pressure gauge 0-10 bar supplied as standard for all the models.

Automatic reset function in IDROMAT4 for the reset of the system without manual operation.

### Applications

Automatic control of pumps for water supply and increase of network pressure.

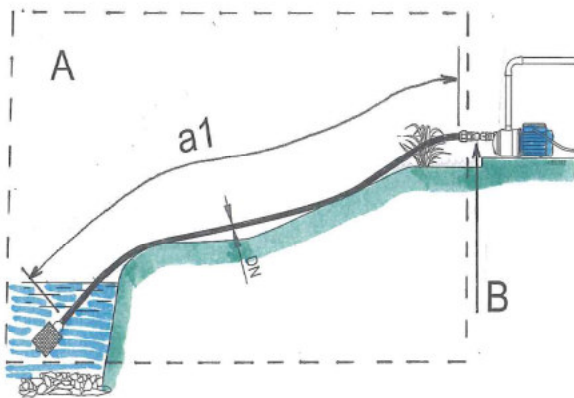
Control of starting/stopping of the pump when cocks are opened/closed.

For protection of the pump:

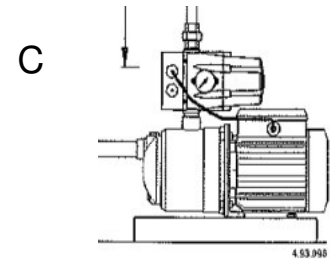
- against dry running;
- against the risk of operation without water at the inlet (caused by a lack of water inflow in the inlet pipe under positive suction head, by a non-immersed suction pipe, by excessive suctionlift or by air entering the suction pipe);
- against operation with closed connection ports.



# Greencare electric pumps



A = suction kit with foot valve, fittings and flexible hose (a1)  
 3 or 5 or 7 meters long  
 B = non return valve  
 C = Idromat (example mounting)



electric pump type	A = suction kit			valve B	electric control board	idromat C	two wheels trailer	frame
	a1 = 3 m	a1 = 5 m	a1 = 7 m					
	€	€	€	€	€	€	€	€
<b>MXHM204</b>	64,00	80,00	96,00	26,00	170,00	124,00	93,00	67,00
<b>code</b>	<b>MP0100A</b>	<b>MP0100B</b>	<b>MP0100C</b>	<b>MP0102</b>	<b>MP0104</b>	<b>MP0110</b>	<b>MP0112R</b>	<b>MP0112B</b>
<b>MXH204</b>	64,00	80,00	96,00	26,00	170,00	-	93,00	67,00
<b>code</b>	<b>MP0100A</b>	<b>MP0100B</b>	<b>MP0100C</b>	<b>MP0102</b>	<b>MP0105</b>		<b>MP0112R</b>	<b>MP0112B</b>
<b>MXHM205</b>	64,00	80,00	96,00	26,00	170,00	124,00	93,00	67,00
<b>code</b>	<b>MP0100A</b>	<b>MP0100B</b>	<b>MP0100C</b>	<b>MP0102</b>	<b>MP0104</b>	<b>MP0110</b>	<b>MP0112R</b>	<b>MP0112B</b>
<b>MXH205</b>	64,00	80,00	96,00	26,00	170,00	-	93,00	67,00
<b>code</b>	<b>MP0100A</b>	<b>MP0100B</b>	<b>MP0100C</b>	<b>MP0102</b>	<b>MP0105</b>		<b>MP0112R</b>	<b>MP0112B</b>
<b>MXHM405</b>	64,00	80,00	96,00	26,00	170,00	124,00	113,00	83,00
<b>code</b>	<b>MP0100A</b>	<b>MP0100B</b>	<b>MP0100C</b>	<b>MP0102</b>	<b>MP0106</b>	<b>MP0110</b>	<b>MP0113R</b>	<b>MP0113B</b>
<b>MXH405</b>	64,00	80,00	96,00	26,00	170,00	-	113,00	83,00
<b>code</b>	<b>MP0100A</b>	<b>MP0100B</b>	<b>MP0100C</b>	<b>MP0102</b>	<b>MP0107</b>		<b>MP0113R</b>	<b>MP0113B</b>
<b>MXHM406</b>	64,00	80,00	96,00	26,00	185,00	172,00	113,00	83,00
<b>code</b>	<b>MP0100A</b>	<b>MP0100B</b>	<b>MP0100C</b>	<b>MP0102</b>	<b>MP0108</b>	<b>MP0111</b>	<b>MP0113R</b>	<b>MP0113B</b>
<b>MXH406</b>	64,00	80,00	96,00	26,00	170,00	-	113,00	83,00
<b>code</b>	<b>MP0100A</b>	<b>MP0100B</b>	<b>MP0100C</b>	<b>MP0102</b>	<b>MP0109</b>		<b>MP0113R</b>	<b>MP0113B</b>
<b>MXHM804</b>	80,00	101,00	123,00	35,00	185,00	172,00	113,00	83,00
<b>code</b>	<b>MP0101A</b>	<b>MP0101A</b>	<b>MP0101A</b>	<b>MP0103</b>	<b>MP0108</b>	<b>MP0111</b>	<b>MP0113R</b>	<b>MP0113B</b>
<b>MXH804</b>	80,00	101,00	123,00	35,00	170,00	-	113,00	83,00
<b>code</b>	<b>MP0101A</b>	<b>MP0101A</b>	<b>MP0101A</b>	<b>MP0103</b>	<b>MP0109</b>		<b>MP0113R</b>	<b>MP0113B</b>
<b>MXHM805</b>	80,00	101,00	123,00	35,00	185,00	172,00	113,00	83,00
<b>code</b>	<b>MP0101A</b>	<b>MP0101A</b>	<b>MP0101A</b>	<b>MP0103</b>	<b>MP0108</b>	<b>MP0111</b>	<b>MP0114R</b>	<b>MP0114B</b>
<b>MXH805</b>	80,00	101,00	123,00	35,00	170,00	-	113,00	83,00
<b>code</b>	<b>MP0101A</b>	<b>MP0101A</b>	<b>MP0101A</b>	<b>MP0103</b>	<b>MP0109</b>		<b>MP0114R</b>	<b>MP0114B</b>

## ELECTRIC CONTROL BOARD

Electric control board for single or three-phase motor.

Equipment:

Thermoplastic case IP 56

Contactors

Thermal relay

Start-stop buttons

Green light indicator (voltage ON)

Red light indicator (thermic block)



### **CONDIZIONI GENERALI DI VENDITA**

1- PREZZI: il listino 76 GREENCARE annulla e sostituisce i precedenti.

2- TERMINI DI CONSEGNA: decorrono dalla data di conferma dell'ordine. Per ritardi nelle consegne il compratore non ha diritto di chiedere alcun risarcimento dei danni. Solo per ritardi superiori a 60 giorni il compratore ha diritto di annullare l'ordine, senza alcun diritto a risarcimento dei danni.

3- CONSEGNE E SPEDIZIONI: salvo diverse pattuizioni scritte la consegna si intende sempre franco fabbrica. La merce viaggia sempre a rischio e pericolo del compratore anche se pattuita e spedita franco destino. L'acquirente ha facoltà di organizzare il ritiro della merce ordinata con i mezzi e nei modi che ritiene opportuni purché in regola con le vigenti leggi e dopo accordo con la O.R.M.A..

4- VENDITA CON RISERVA DI PROPRIETA': sino a che l'acquirente non abbia pagato integralmente il prezzo pattuito i materiali oggetto della fornitura rimangono di proprietà del venditore e possono essere rivendicati da O.R.M.A. ovunque si trovino.

5- RITARDATO PAGAMENTO: senza necessità di messa in mora decorreranno interessi di mora al tasso del 7% oltre il tasso di sconto bancario in vigore, salvi altri eventuali diritti. Decadrà inoltre il beneficio del termine e sarà tenuto ad estinguere senza dilazione il suo intero debito nei confronti di O.R.M.A.

6 - PENDENZA DI ECCEZIONI: qualunque contestazione dovesse insorgere tra le parti non dà diritto al compratore di modificare, di prorogare o di sospendere i termini di pagamento convenuti.

7- GARANZIE: la O.R.M.A. garantisce la prima qualità dei materiali impiegati e delle lavorazioni. Tali garanzie sono valide per la durata di 24 mesi dalla spedizione purché le contestazioni vengano fatte pervenire alla O.R.M.A. entro 8 giorni dalla consegna per difetti apparenti ed entro 8 giorni dalla scoperta per i difetti occulti, a mezzo raccomandata R.R., e siano basate su dati di fatto concreti e precisati. Per effetto delle garanzie suddette la O.R.M.A. sarà obbligata a riparare o sostituire i pezzi riconosciuti difettosi. La garanzia è subordinata ad un uso del prodotto conforme alle istruzioni fornite da O.R.M.A.. La garanzia cessa se i prodotti vengono modificati o smontati o riparati da chiunque non espressamente autorizzato da O.R.M.A.. Per le componenti non di produzione O.R.M.A., valgono le garanzie previste dai relativi costruttori.

8- RICHIESTE INDENNIZZO DANNI: O.R.M.A. non risponderà in nessun caso al risarcimento di ulteriori danni subiti dall'acquirente o da terzi in conseguenza di eventuale guasto o mal funzionamento del prodotto.

9- CONTROVERSIE: per qualsiasi controversia è esclusivamente competente il foro di Bologna.

10- LEGGE APPLICABILE: legge italiana