



CALENDARIO CALENDAR 2013

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Customer Service: fax +39 0331 488513



COMERIO ERCOLE
MECHANICAL CONSTRUCTIONS

info@comercole.it - www.comercole.it





ENGINEERING DIVISION

Comerio Ercole S.p.A. is one of the most qualified European mechanical manufacturers with a worldwide production program for a range of special machine-sand complete plants.



COMERC INTERNATIONAL s.r.l.




COMERC ENGINEERING s.r.l.



The productive synergies, derived from an integrated quality system organization TQA ISO 9001, enable Comerio Ercole S.p.A. to offer competitive prices improving constantly its standard of quality and technology.



 **COMERIO ERCOLE** 



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NONWOVENS DIVISION

- Thermal bonding calenders with 2, 3 or 4 rolls arrangement
- Gauging and laminating calenders
- Glazing calenders
- Embossing calenders
- High speed calenders
- High pressure calenders
- Peripherally drilled rolls with smooth or engraved face
- Comerio Ercole in collaboration with important and specialized companies can supply complete nonwovens plants (Spunbonding/ Thermobonding technology)



High speed up to 800 m/min
Wide width up to 5,500 mm
Heating up to 300 °C ± 1°C accuracy



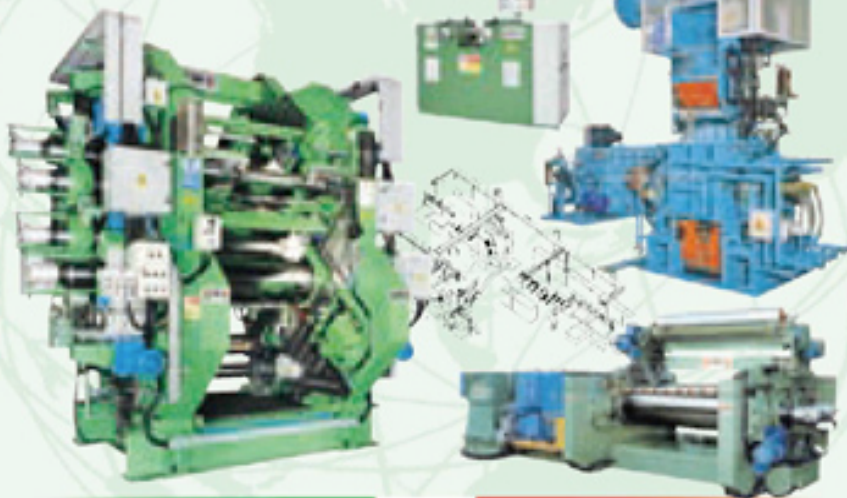
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- Internal mixers, tangential type, MCC series, from 2 to 270 liters with 2 and 4 rotor wings
- Internal mixers, intermeshing type, BB-IM series. In cooperation with **Kobelco**, from 14 to 320 litres
- Laboratory internal mixers, BFT series from 2 to 5 litres
- Laboratory roll mixing mills, MG-MR series, from 200 to 700 mm
- Roll mixing mills, MGC and MGP series, from 1000 to 2540 mm
- Complete mixing plants
- Original spare parts and assistance service for **Meccaniche Moderne** machines
- Roller head calenders and profiling calenders
- 2, 3, and 4 roll calenders with I, L, F, S, INCLINED configuration
- Complete calendaring lines for rubberizing of fabrics, steel and textile cord
- Complete calendaring lines for rubber sheeting
- Original Spare Parts
- Engineering & know-how



- 2,3,4 and 5 roll calenders with L.L.F.S, INCLINED configuration
- Complete calendaring lines for rigid, semirigid and soft PVC or ABS
- Complete calendaring lines for Polyolefins
- Revamping of existing calendaring lines
- Laboratory mixing mills
- Patented internal mixers and mixing mills
- Calenderlines for PVC or LINOLEUM flooring (tiles and sheets)
- Calenderlines for bi-adhesive tapes
- Special plant "CEMA"
- Original Spare Parts
- Engineering & know-how





ORIGINAL SPARE PARTS



Only the people who designed, developed and made your machine can guarantee you the best when it comes to spare parts – even the smallest. Discover all of the advantages and take advantage of the current PRO ORIGINAL spare parts program applied by Comerio Ercole.

Comerio Ercole guarantees to all Customers the supply of required original spare parts for at least 10 years after machine delivery, assuring also the existence of a company organization that has always available original drawings and plans.

For market parts interchangeable components are available as well as feasibility studies for new concept parts to be used.



PRO ORIGINAL PROGRAM ADVANTAGES:

- High availability of the spare parts
- Highest demands on quality
- Controlled quality
- Long-term availability and traceability
- Operational safety
- Assistance for correct identification
- Genuine Spare Parts Guarantee
- Fast dispatch by courier
- Support Hotline



COMERIO ERCOLE

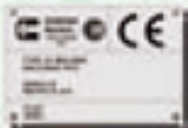


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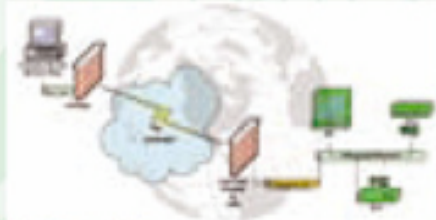
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REFURBISHMENT & SAFETIES UPDATING

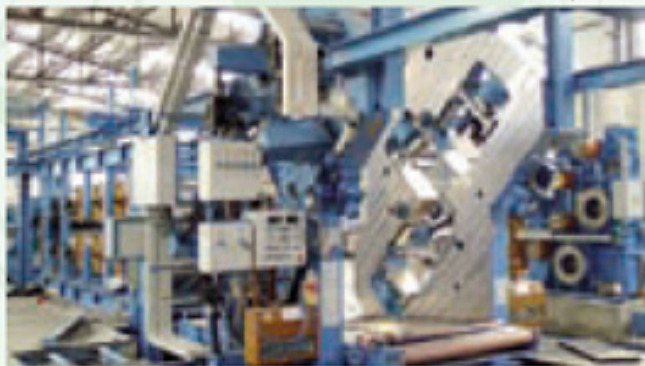
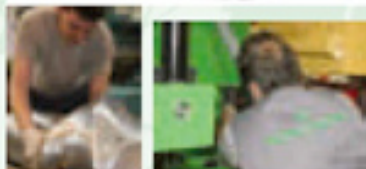
Comerio Ercole guarantees to all Customers the possibility to repair and/or refurbish machines originally produced. All these activities are performed in accordance to the manufacturer original specification and drawings. Upon request Comerio Ercole with proper team can analyze safeties devices on the existing machines and support updated risk assessment as well as eventual related activities considered necessary to meet safety rules actually into force.





TECHNICAL ASSISTANCE & TELESERVICE



Comerio Ercole guarantees assistance to all Customers with a qualified and experienced technical team on site all around the world. Technicians are available to operate on mechanical, electrical and automation side worldwide. Upon request Comerio Ercole can configure proper teleservice proposal based on safe internet connection enabling remote assistance service to machineries and plants.



 **COMERIO ERCOLE** 



PEGASO®

Machine oil analysis is a crucial predictive maintenance tool to provide advanced warning of abnormal conditions increasing reliability minimizing cost associated with oil change outs, labor, repairs and downtime.



Predictive Maintenance Plan



COMERIO ERCOLE

MECHANICAL CONSTRUCTIONS SINCE 1885 - ITALY

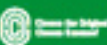


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HYDRONIP®

Fully Hydraulic nip adjustment
position or pressure/force control



HYDRONIP PATENTED



SPEED & PRECISION
FLEXIBLE CONTROL



COMERIO ERCOLE

MECHANICAL CONSTRUCTIONS SINCE 1885 - ITALY



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HELIX®

3D Thermal Bonding Calenders
PATENTED

**TWO SIDES
BETTER PERFORMANCE**



COMERIO ERCOLE
MECHANICAL CONSTRUCTIONS SINCE 1885 - ITALY



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HYDROGAP®

Fully Hydraulic
gap position control

PATENTED



SPEED & PRECISION



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CEM[®]

Plant Engineering

Comerio Ercole provides the coordination and the integration of different specific levels of plant engineering (electricity, hydraulic, pneumatic, etc.)



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**FROM BASIC
TO MASTER PLUS**

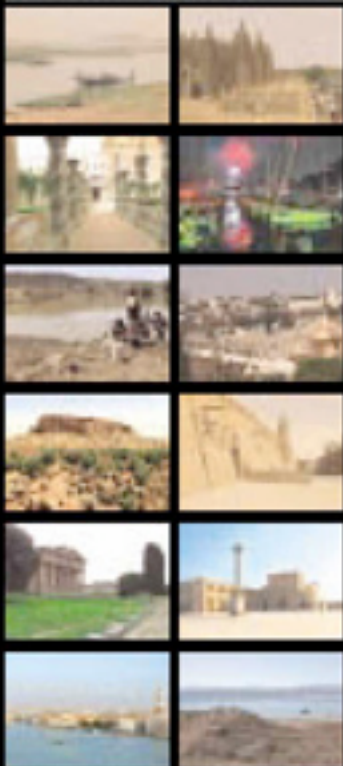


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Photos by: Pino - Andrea Comerio



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Choose the Original
Comercole Sweet



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MALI - NIGER RIVER



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GENNAIO

2013

JANUARY

1 venerdì 128°	2 sabato 129°	3 domenica 130°	4 sabato 131°	5 domenica 132°	6 sabato 133°	7 domenica 134°	8 sabato 135°	9 domenica 136°	10 sabato 137°	11 domenica 138°
12 sabato 139°	13 domenica 140°	14 sabato 141°	15 domenica 142°	16 sabato 143°	17 domenica 144°	18 sabato 145°	19 domenica 146°	20 sabato 147°	21 domenica 148°	22 sabato 149°
23 domenica 150°	24 sabato 151°	25 domenica 152°	26 sabato 153°	27 domenica 154°	28 sabato 155°	29 domenica 156°	30 sabato 157°	31 domenica 158°		

dicembre/december 2012

17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom
18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17				

febbraio/february 2013



ITALY - NAPLES, S. CHIARA CLOISTER



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FEBBRAIO 2013 FEBRUARY

1 ven fri	2 sab sab	3 dom dom	4 lun mar	5 mar sab	6 mer sab 6 ^a	7 gio dom	8 ven sab	9 sab dom	10 dom dom	11 lun mar
12 mar sab	13 mer sab 7 ^a	14 gio dom	15 ven sab	16 sab dom	17 dom dom	18 lun mar	19 mar sab	20 mer sab 8 ^a	21 gio dom	22 ven sab
23 sab dom	24 dom dom	25 lun mar	26 mar sab	27 mer sab 9 ^a	28 gio dom					

gennaio/january 2013

21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom
18	19	20	21	22	23	24	25	26	27	28	29	30	31							

marzo/march 2013



ETHIOPIA - OASIS AFAR



COMERIO ERCOLE
MECHANICAL CONSTRUCTIONS SINCE 1885 - ITALY



MARZO

2013

MARCH

1 ven fri	2 sab sab	3 dom dom	4 lun mar	5 mar mar	6 mer sab 10*	7 gio sab	8 ven sab	9 sab sab	10 dom dom	11 lun mar
12 mar sab	13 mer sab 11*	14 gio sab	15 ven sab	16 sab sab	17 dom dom	18 lun mar	19 mar sab	20 mer sab 12*	21 gio sab	22 ven sab
23 sab sab	24 dom dom	25 lun mar	26 mar sab	27 mer sab 13*	28 gio sab	29 ven sab	30 sab sab	31 dom dom		

febraio/february 2013

18	19	20	21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30												

aprile/april 2013



MALI - DOGON LAND



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APRILE

2013

APRIL

1 lun mon	2 mar Tue	3 mer wed 14°	4 gio Thu	5 ven Fri	6 sab Sat	7 dom Sun 15°	8 lun mon	9 mar Tue	10 mer Wed 15°	11 gio Thu
12 ven Fri	13 sab Sat	14 dom Sun 16°	15 lun mon	16 mar Tue	17 mer Wed 16°	18 gio Thu	19 ven Fri	20 sab Sat	21 dom Sun 17°	22 lun mon
23 mar Tue 17°	24 mer Wed	25 gio Thu	26 ven Fri	27 sab Sat	28 dom Sun	29 lun mon	30 mar Tue			

marzo/march 2013

18	19	20	21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom
20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9

maggio/may 2013



ITALY - PESTUM TEMPLES



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MECHANICAL CONSTRUCTIONS SINCE 1885 - ITALY



MAGGIO

2013

MAY

1 mar wed 18°	2 gio thu	3 ven fri	4 sab sat	5 dom sun	6 lan mon	7 mar tue	8 mer wed 19°	9 gio thu	10 ven fri	11 sab sat
12 dom sun	13 lan mon	14 mar tue	15 mer wed 20°	16 gio thu	17 ven fri	18 sab sat	19 dom sun	20 lan mon	21 mar tue	22 mer wed 21°
23 gio thu	24 ven fri	25 sab sat	26 dom sun	27 lan mon	28 mar tue	29 mer wed 22°	30 gio thu	31 ven fri		

aprile/april 2013

1 22	2 23	3 24	4 25	5 26	6 27	7 28	8 29	9 30	10	11	12	13	14	15	16	17	18	19	20	21
lan	mar	mer	gio	ven	sab	dom	lan	mar	mer	gio	ven	sab	dom	lan	mar	mer	gio	ven	sab	dom
17	18	19	20	21	22	23	24	25	26	27	28	29	30							

giugno/june 2013



ITALY - VENEZIA, CANAL GRANDE



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GIUGNO

2013

JUNE

1 sab sat	2 dom sun	3 lun mon	4 mar tue	5 mer wed 23*	6 gio thu	7 ven fri	8 sab sat	9 dom sun	10 lun mon	11 mar tue
12 mer wed 24*	13 gio thu	14 ven fri	15 sab sat	16 dom sun	17 lun mon	18 mar tue	19 mer wed 25*	20 gio thu	21 ven fri	22 sab sat
23 dom sun	24 lun mon	25 mar tue	26 mer wed 26*	27 gio thu	28 ven fri	29 sab sat	30 dom sun			

maggio/may 2013

20	21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31											

luglio/july 2013



MALI - DJENNE



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LUGLIO

2013

JULY

1 lun mon	2 mar tue	3 mer wed 27*	4 gio thu	5 ven fri	6 sab sat	7 dom sun	8 lun mon	9 mar tue	10 mer thu 28*	11 gio fri
12 ven fri	13 sab sat	14 dom sun	15 lun mon	16 mar tue	17 mer wed 29*	18 gio thu	19 ven fri	20 sab sat	21 dom sun	22 lun mon
23 mar tue	24 mer wed 30*	25 gio thu	26 ven fri	27 sab sat	28 dom sun	29 lun mon	30 mar tue	31 mer thu 31*		

giugno/june 2013

17	18	19	20	21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom
19	20	21	22	23	24	25	26	27	28	29	30	31	11	12	13	14	15	16	17	18

agosto/august 2013



ITALY - LAKE GARDA



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MECHANICAL CONSTRUCTIONS SINCE 1885 - ITALY



AGOSTO

2013

AUGUST

1 gio thu	2 ven fri	3 sab sat	4 dom sun	5 lun mon	6 mar tue	7 mer wed 32°	8 gio thu	9 ven fri	10 sab sat	11 dom sun
12 lun mon	13 mar tue	14 mer wed 33°	15 gio thu	16 ven fri	17 sab sat	18 dom sun	19 lun mon	20 mar tue	21 mer wed 34°	22 gio thu
23 ven fri	24 sab sat	25 dom sun	26 lun mon	27 mar tue	28 mer wed 35°	29 gio thu	30 ven fri	31 sab sat		

luglio/july 2013

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	31											
lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						

settembre/september 2013



ISRAEL - GERUSALEM



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SETTEMBRE 2013 SEPTEMBER

1 dom sab	2 lun dom	3 mar sab	4 mer ven 36°	5 gio sab	6 ven dom	7 sab dom	8 dom sab	9 lun dom	10 mar sab	11 mer ven 37°
12 gio sab	13 ven dom	14 sab dom	15 dom sab	16 lun dom	17 mar sab	18 mer ven 38°	19 gio sab	20 ven dom	21 sab dom	22 dom sab
23 lun dom	24 mar sab	25 mer ven 39°	26 gio sab	27 ven dom	28 sab dom	29 dom sab	30 lun dom			

agosto/august 2013

19	20	21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
lun	mar	mer	gio	ven	sab	dom	26	27	28	29	30	31	dom	lun	mar	mer	gio	ven	sab	dom
21	22	23	24	25	26	27	28	29	30	31	12	13	14	15	16	17	18	19	20	

ottobre/october 2013



MALI - TOMBOCTOU



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OTTOBRE 2013 OCTOBER

1 mar mar	2 mer wed 40°	3 gio thu	4 ven fri	5 sab sat	6 dom sun 41°	7 lun mon	8 mar tue	9 mer wed 41°	10 gio thu	11 ven fri
12 sab sat	13 dom sun	14 lun mon	15 mar tue	16 mer wed 42°	17 gio thu	18 ven fri	19 sab sat	20 dom sun	21 lun mon	22 mar tue
23 mer wed 43°	24 gio thu	25 ven fri	26 sab sat	27 dom sun	28 lun mon	29 mar tue	30 mer wed 44°	31 gio thu		

settembre/september 2013

16 lun	17 mar	18 mer	19 gio	20 ven	21 sab	22 dom	23 lun	24 mar	25 mer	26 gio	27 ven	28 sab	29 dom	30 lun	31 mar
1 1	2 2	3 3	4 4	5 5	6 6	7 7	8 8	9 9	10 10	11 11	12 12	13 13	14 14	15 15	16 16
18 18	19 19	20 20	21 21	22 22	23 23	24 24	25 25	26 26	27 27	28 28	29 29	30 30			

novembre/november 2013



ITALY - S. MARIA DI LEUCA



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NOVEMBRE 2013 NOVEMBER

1 ven fri	2 sab sab	3 dom sab	4 lun dom	5 mar sab	6 mer sab 45°	7 gio sab	8 ven dom	9 sab sab	10 dom sab	11 lun dom
12 mar sab	13 mer sab 46°	14 gio sab	15 ven dom	16 sab sab	17 dom sab	18 lun dom	19 mar sab	20 mer sab 47°	21 gio sab	22 ven dom
23 sab sab	24 dom sab	25 lun dom	26 mar sab	27 mer sab 48°	28 gio sab	29 ven dom	30 sab sab			

ottobre/october 2013

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	31											
lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom								
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						

dicembre/december 2013



MEXICO - BAJA CALIFORNIA



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DICEMBRE 2013 DECEMBER

1 dom sab	2 lun dom	3 mar sab	4 mer sab 49°	5 gio sab	6 ven sab	7 sab sab	8 dom sab	9 lun sab	10 mar sab	11 mer sab 50°
12 gio sab	13 ven sab	14 sab sab	15 dom sab	16 lun sab	17 mar sab	18 mer sab 51°	19 gio sab	20 ven sab	21 sab sab	22 dom sab
23 lun sab	24 mar sab	25 mer sab 52°	26 gio sab	27 ven sab	28 sab sab	29 dom sab	30 lun sab	31 mar sab		

novembre/november 2013

18	19	20	21	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom	lun	mar	mer	gio	ven	sab	dom
20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9

gennaio/january 2014