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AUTOMATIC PRESS MACHINES

OGT

OLIVOTTO GLASS TECHNOLOGIES



MAIN FEATURES

- Speed Range: up to 200 pieces per minutes
- High index speed also with large table machines.
- Gearless Driving system with accurate torque motor control guarantee repeatable and high accurate table positioning
- High production flexibility, with Multi sections/mould configuration. Forming process can optimized even by fitting different numbers of molds onto the table and using different stations. Different positions for the stations are easily set, even with different indexing angles
- Consecutive and Alternate pressing plunger configurations
- Suitable for single, double, triple or quadruple gob delivery operations or direct feeding operations
- High accuracy and Energy Saving Servo Hydraulic Pressing System up to 50 metric tons max. Pressing Force.
Available upon request Pneumatic single and tandem cylinders or Servo Valves Hydraulic pressing system
- Split mould equipment for single, double and triple gobs. Mechanical cam type or individual pneumatic cylinders type (ISME)
- Linear servo driven take out or pneumatic linear take out with servo driven or pneumatically driven vertical axes, independent high accuracy speed & position control
- Multi heads vertical Rotary Servo driven take out. Servo driven or pneumatically driven vertical axes. Independent high accuracy speed & position control
- Fully Electronic control of all the mechanism with Deterministic control system with very high repeatability mechanism movements
- Independent electronic control of the mechanism movement of each Sections. Possibility of settings the parameters either differently on each single Sections or globally on all Sections.
- Mould automatic temperature control and glass detection
- User-friendly operator interface
- Maintenance Free: no oil change and no mechanical wear
- Energy saving configuration
- Reduction to 0 of safety time to stop the machine in emergency

Automatic Press Machines

With the merging of technical experience and production capacity of ANTAS, LYNCH and LINDNER the OGT Group is today the largest producer of automatic presses machines in the world.

More than 500 presses installed all over the world.

OGT Group can supply any type of automatic presses customized according to the customers request and needs or standard configurations for any type of glass and application with latest technologies for the driving system and high performing pressing/handling mechanisms.

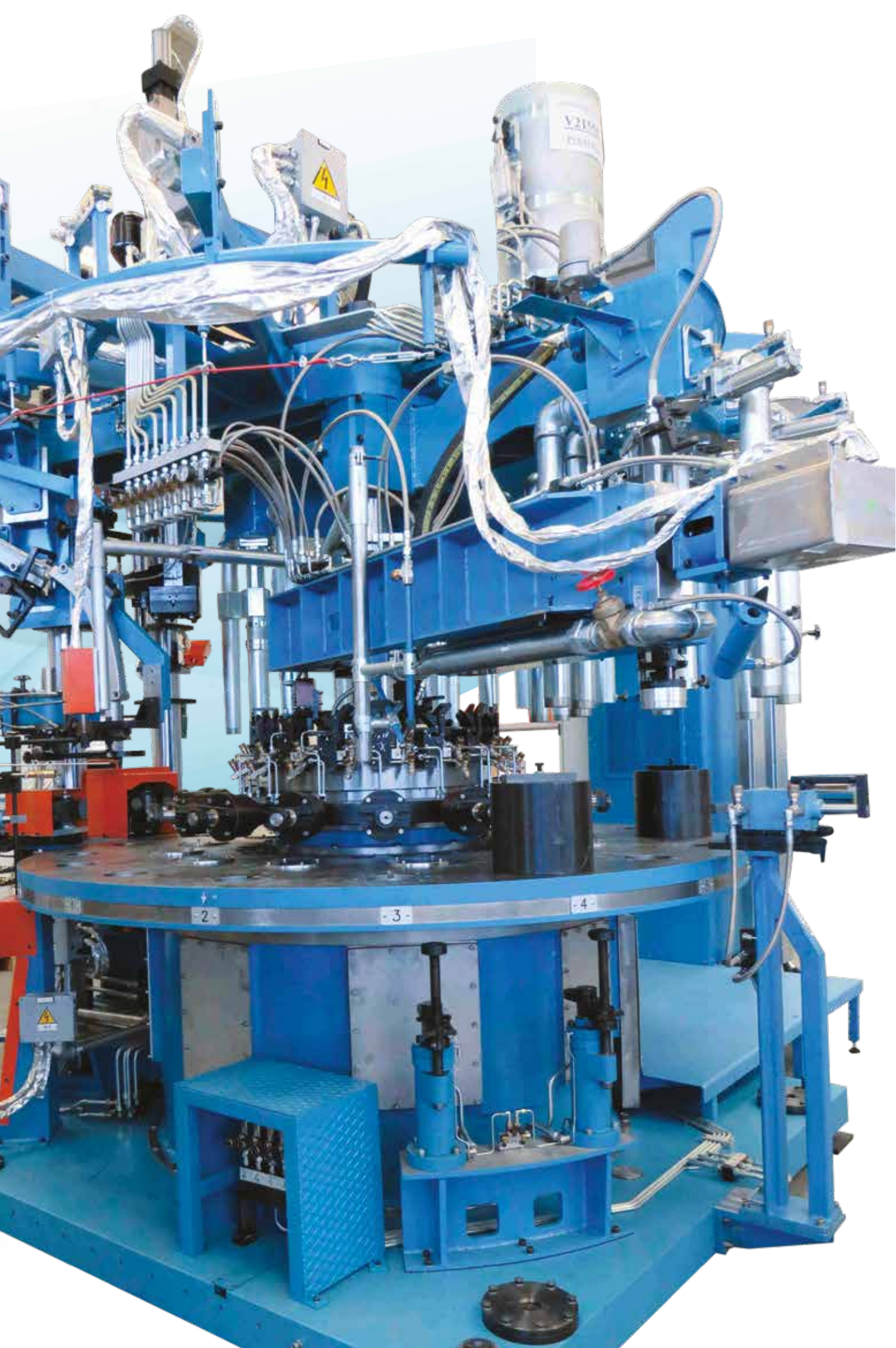
The GDS (Gearless Driving System) is the latest development of Torque Motor driving system applied to a press machine. Thanks to the GDS (Gearless Driving System) new presses series using Torque Drive motor Technologies the concept of the specific press machine model is outdated by new concept of a very flexible machines designed and built following customers specific production needs.

High production flexibility, the forming process can be optimized even by fitting, different numbers of molds.

Different positions for the stations are easily set, even with different indexing angles.

The same press machine can easy work in single gob, double gob, triple gob or quadruple gob according to the end user production needs.





THE MOST ADVANCED DIRECT DRIVE TECHNOLOGY

GDS (gearless drive System)

TORQUE AND SUPER TORQUE MOTOR PRESSES

Torque: up to 48.000 Nm

Super-Torque: up to 70.000 Nm

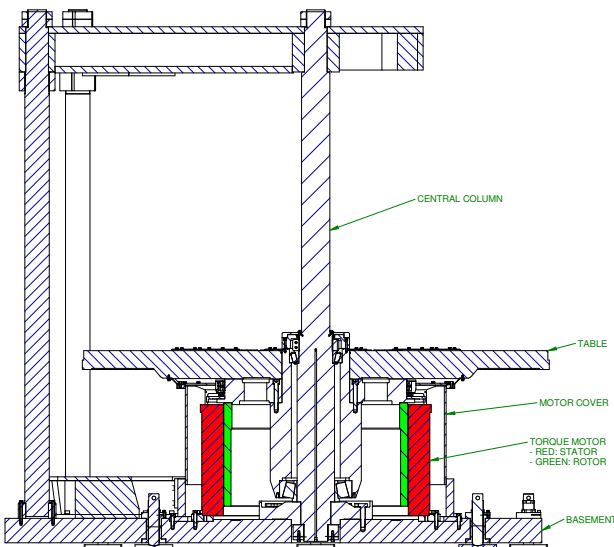
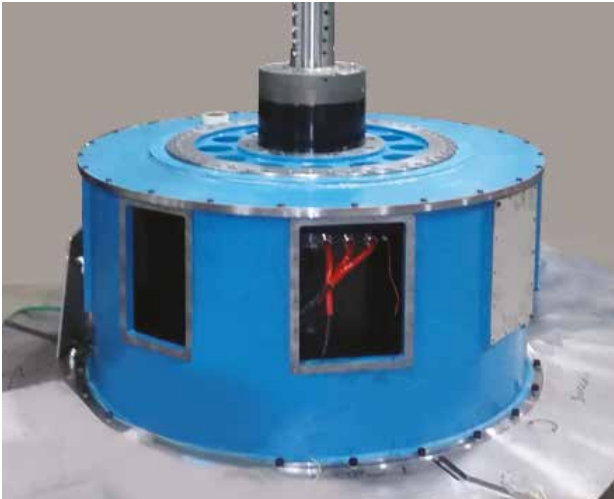
- SOLID TYPE WITH CARBONIUM FRAME
- ZERO MAINTENANCE REQUIRED
- HIGHER SPEED COMPARED TO GENEVA DRIVE AND OTHER DIRECT DRIVE
- FLEXIBILITY TO CHANGE TABLE DIVISION/STATION (I.E 8/12, 12/16, 24/16)

PRODUCTION

- TUMBLERS: BLOCK AND SPLIT MOULD
- MUGS, PLATES, OVENWARE, GIFTWARE, VASES AND OTHERS TABLEWARE GLASSWARE
- HIGH QUALITY STEMS/DISKS
- GLASS BRICKS
- WASHING MACHINE WINDOWS
- GLASS INSULATORS
- LENSES AND REFLECTORS

RANGE OF GLASSES:

- SODA - LIME
- BOROSILICATE
- LEAD CRYSTAL
- BARIUM CRYSTAL
- OPAL



SELECTIONS GUIDE

Model		TABLE			MAX ARTICLE DIAMETER		MAX MECHANICAL SPEED (pcs/min)	MIN INDEX TIME	
		DIAMETER Mould to mould	RADIUS Mould to center	CHORD Mould to mould	BLOCK MOULD	SPLIT MOULD		TORQUE (sec)	SUPER TORQUE (sec)
GDS12/4	SG	1750	875 (34")	453 (17" ¾)	400 (15" ¾)	250 (9" ¾)	60	0,31	N/A
GDS12/6	SG	2150	1075 (42")	556 (21" ¾)	500 (19" ¾)	340 (13" ¾)	60	0,37	0,30
GDS16/5	SG	1950	975 (38")	380 (15")	295 (11" ½)	210 (8" ¼)	65	0,30	N/A
GDS16/6	SG	2150	1075 (42")	457 (17" ¾)	400 (15" ¾)	250 (9" ¾)	65	0,32	0,27
GDS24/4	SG	1750	875 (34")	453 (17" ¾)	400 (15" ¾)	250 (9" ¾)	60	0,31	N/A
	DG	1750	875 (34")	228 (8" ¾)	180 (7" ¼)	105 (4" ¼)	120	0,33	N/A
GDS24/6	SG	2150	1075 (42")	556 (21" ¾)	500 (19" ¾)	340 (13" ¾)	60	0,37	0,32
	DG	2150	1075 (42")	281 (11" ¼)	235 (9" ¼)	140 (5" ½)	120	0,38	0,32
GDS28/6	SG	2150	1075 (42")	478 (18" ¾)	420 (16" ½)	270 (10" ½)	50	0,36	0,30
	DG	2150	1075 (42")	240 (9" ½)	165 (6" ½)	100 (3" ¾)	100	0,36	0,30
GDS32/7	SG	2350	1175 (46")	458 (18")	400 (15" ¾)	250 (9" ¾)	60	0,36	0,30
	DG	2350	1175 (46")	230 (9" ¼)	180 (7" ¼)	105 (4" ¼)	120	0,36	0,30
GDS36/1	SG	1850	925 (36")	479 (18" ¾)	420 (16" ½)	260 (10" ¼)	60	0,37	N/A
	TG	1850	925 (36")	161 (6" ¼)	85 (3" ¼)	N/A	180	0,37	N/A
GDS36/6	SG	2150	1075 (42")	556 (21" ¾)	500 (19" ¾)	340 (13" ½)	60	0,37	0,34
	TG	2150	1075 (42")	187 (7" ¼)	125 (5")	70 (2" ¾)	180	0,42	0,34
GDS36/7	SG	2350	1175 (46")	608 (23" ¾)	550 (21" ½)	390 (15" ¼)	60	N/A	0,36
	TG	2350	1175 (46")	204 (8" ¼)	155 (6" ¼)	95 (3" ¾)	180	N/A	0,36
GDS36/7C	SG	2350	1175 (46")	608 (23" ¾)	550 (21" ½)	390 (15" ¼)	60	N/A	0,36
	DG	2350	1175 (46")	287 (11" ¾)	240 (9" ½)	180 (7" ¼)	120	N/A	0,36
	TG	2350	1175 (46")	164 (6" ½)	115 (4" ½)	N/A	180	N/A	0,36
GDS36/8	SG	2550	1275 (50")	660 (26")	600 (23" ½)	440 (17" ½)	60	N/A	0,38
	TG	2550	1275 (50")	222 (8" ¾)	178 (7")	115 (4" ½)	180	N/A	0,38
GDS48/9	QG	3000	1500 (59")	200 (7" ¾)	115 (4" ½)	N/A	200	N/A	0,52

SG: SINGLE GOB - DG: DOUBLE GOB - TG: TRIPLE GOB - QG: QUADRUPLE GOB

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