



## SUMMARY OF THE MAIN ADVANTAGES

Dear Sirs,

I hope that these elements, together with the professionalism of IMMMES, are worthy to consider our system as the winning solution for your factory.

I am available to meet with your Board for a more detailed presentation and for a negotiations .

Best Regards

Paolo Reffo Scarso

IMMMES SRL

<b>SAVINGS</b>	ELECTRICITY	<b>ONE</b> ONLY WORKING PUMP PROVIDES ALL THE PRESSURE UP TO THE WORKING MACHINES FOR THE WHOLE FACTORY (PUMPS IN EACH MACHINE CAN BE REMOVED). FOR VOLUMES OF 50.000 LITRES/HOUR THE ELECTRICAL CONSUMPRION IS ABOUT 13,8 KW / H
	ELECTRICITY	FLUIDIZATION IN THE BOTTOM OF THE INITIAL TANK IS PROVIDED BY THE PUMP TROUGH A FLUIDIZATION INJECTORS' RING WITHOUT ANY ADDITIONAL PUMP OR MOTOR
	ELECTRICITY	AN INVERTER REGULATES THE PUMP POWER TO ADAPT THE R.P.M. TO THE REAL NEEDS OF THE FACTORY
	WATER	THE FILTERED CLEAR WATER (NO LIMITS OF VOLUME) IS SUITABLE FOR CNC CENTRAL SPINDLE AND HIGH-TECH MACHINES, AVOIDING COMPLETELY NEW INCOMES OF WATER
	FLOCCULANTS	NO FLOCCULANTS ARE REQUIRED
	REFRIGERATING OILS	WITH LIMPID WATER IN THE MACHINES, YOU WON'T NEED THE ADDITION OF REFRIGERATING OILS
	GRINDING WHEELS	GRINDING WHEELS LIFE IS LONGER UP TO 15%
	MAINTENENCE	THE DTP IS COMPLETELY AUTOMATIC AND DOESN'T REQUIRES A DEDICATED STAFF.
	MAINTENENCE	THE DTP DOESN'T REQUIRES ANY MAINTENENCE FOR ALL THE LIFE. THE FILTER PROVIDES AUTOMATICALLY A DAILY SELF CLEANING WASH.
	MAINTENENCE	NO MAINTENENCE IN THE FACTORY STRUCTURES AS CHANNELS, TANK, MACHINES , SURROUNDINGS , ETC.
	MAINTENENCE	HAVING ONLY 2 IDENTICAL PUMPS TO CONTROLE, THE MAINTENENCE AND REPAIR IS QUICK, SAFE AND COST EFFECTIVE
	GLASS PRODUCTION	BETTER QUALITY ON GLASS PRODUCTION AVOIDING RISKS OF DEFECTS IN THE SCANNING CONTROLS
INVESTMENTS	CLEAN WATER WITHOUT CHEMICAL ADDITIONS WILL PREVENT MACHINES FROM CORROSION AND A FAST DETERIORATION	



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<b>SAFETY</b>	INITIAL TANK	7 LEVELS ARE CONTROLLED BY AN ULTRASONIC SYSTEM IN THE COLLECTION TANK TO PROVIDE A PERFECT ELECTRONIC IMPULSE TO THE DTP AUTOMATIC CPU MANAGEMENT
	PUMPS	POSSIBILITY TO SET THE AUTOMATIC ALTERNATE WORK OR A MANUAL SELECTION OF EACH ONE
	PUMPS	WHILE IN AUTOMATIC MODE THE DTP SWITCHES TO THE SECOND PUMP IF THE FIRST DOESN'T START (BACKUP FUNCTION)
	PUMPS	IF ANY DEFAULT OCCURS IN THE PUMPS, AN ALARM STARTS (CUSTOMIZABLE) AND IS RECORDED IN THE SYSTEM MEMORY
	STRUCTURE	DECONCENTRATOR AND FILTER ARE 10 MM STEEL MADE , THERE ARE NO PARTS IN MOVEMENT INSIDE THEM
	STRUCTURE	INSIDE PROTECTION IS MADE BY A SPECIAL PAINT WITH 250 MICRONS THICKNESS.
	WATER QUALITY	3 CHECKS IN THE DTP AND 2 IN THE FILTER ARE PLANNED TO TEST THE WATER DURING THE INTERNAL PROCESS
	FILTER	BY AN AUTOMATIC COMBINATION OF DIFFERENT CIRCUITS THE FILTER PROVIDE A SELF-WASHING AND A FINAL RINSE TO GUARANTEE A SAFE AND PERFECT RESTART
	FILTER	A BYPASS COMBINATION OF VALVES IS AVAILABLE IF IT SHOULD BE NECESSARY TO BYPASS THE FILTER
	FILTER	MORE THAN 200 SPECIAL EJECTORS HOLD THE MINERALS STONES INSIDE THE FILTER
	SAFETY COMPONENTS	TWO PRESSURE SWITCH AND A FLOW METER, CONTROL THE WATER FLOW AND REGULATE THE INVERTER AND THE PUMP POWER
	SYSTEM	THE ENTIRE SYSTEM IS STUDIED TO OFFER AN AUTOMATIC OR A MANUAL WORK FOR ANY FUNCTION
	SYSTEM	A PRACTICAL PLC ALLOWS A PERFECT CUSTOMIZATION OF THE FUNCTIONS AND SETTINGS AS WELL KEEPING RECORDED ANY ALARM
	PH	A PH CHECKING STATION WORKS IN REAL TIME AND A DOSING PUMP IS AVAILABLE FOR POSSIBLE INJECTIONS



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<b>WATER CHARACTERISTICS</b>	CLEANING PROCESS	SUSPENDED SOLIDS ACCELERATED REMOVAL, TYPICAL OF THE GLASS PROCESSING, COMBINED WITH A MICRO-FILTRATION UNIT
	INITIAL DIRTY WATER	BY OUR EXPERIENCE THE FACTORY DIRTY WATERS ARE CHARGED OF SUSPENDED SOLIDS AT ABOUT 1500-1500 (MG/LT) P.P.M.
	<b>A F T E R T R E A T M E N T</b>	
	VISUAL APPEARANCE	TRANSPARENT
	LIMITS IN WATER QUANTITY	NONE IT CORRESPONDS TO THE NOMINAL CAPACITY OF THE PLANT (example DTP50 = 50.000 Litres/hour)
	QUANTITY OF RESIDUALS	< 5 Milligrams / LITER (P.P.M.)
	LIMITS IN DAYLY / WEEKLY PROCESS	NONE (30 MINUTES ARE REQUIRED EACH DAY FOR THE SELF BACKWASHING PROCESS)
	PH RANGE	8,2 > 9,2
	PRESSURE BAR (AT THE EXIT OF THE SYSTEM)	3,0 BARS OR ADJUSTABLE IN FUNCTION OF CLIENT NECESSITIES
	<b>water tests in customer's plant are available to certify the data</b>	

<b>INVESTMENT AND FINANCIAL RETURNS</b>	PRICE OF THE SYSTEM	PRICE . . . . .
	PAY-BACK	PAYBACK TIME FOR THE DTP IS 38 MONTHS AS AVERAGE
	BUSINESS PLAN	IS AVAILABLE - SIMPLY BY ENTERING YOUR CONSUMPTION AND COST DATA AND COMPARING WITH THE VALUES OF A DTP SYSTEM
	DTP THE MEANING OF THE PURCHASE	OFFERS YOU THE BEST TECHNOLOGY AND SAVINGS EVER KNOWN IN THE MARKET OF WATER TREATMENT SYSTEM
	INVESTOR'S APPROACH TO THE DTP	IT'S NOT CHEAP AT THE MOMENT OF BUYING , BUT AFTER THIS YOU WILL DRASTICALLY REDUCE YOUR EXPENSES (FOR MONEY AND RESOURCES) IMPROVING THE QUALITY OF GLASS AND OF THE WHOLE FACTORY
	FUTURE EXPANSION AND INVESTMENT ADVANTAGES	DTP IS PERFETCLY MODULAR IN CASE OF FUTURE EXPANSION OF YOUR ACTIVITY BY ADDING A NEW DECONCENTRATOR AND A NEW FILTER YOU CAN REACH A VOLUME OF 150 M3/HOUR AND EVEN MORE
	FISCAL INCENTIVES	THE DTP MATCHES THE INDUSTRY 4.0 REQUIREMENTS. IN MOST OF THE COUNTRIES, GOVERNMENTS OFFERS IMPORTANT INCENTIVES FOR 4.0 INVESTMENTS. PLEASE CHECK IN YOUR COUNTRY AND ASK US POSSIBLE TECHNICAL SUPPORT.
	COMPETITOR'S APPROACH	LOW TECHNOLOGIES OR NO TECHNOLOGIES. LOW PURCHASE PRICES , BUT HIGH PLATFORM COSTS REMAINS OR INCREASES FOR MANY YEARS