

Ref.:	COMPACTOR HP1 / 1400 / 400 GENERAL CHARACTERISTICS	Date:
Client:		Plan: 62340

folio: 1/4

TYPE	COMPACTOR HP 1 / 1400 /400
DRAWING N°	62062-B
WORKING TABLE: DIAMETER/WIDTH	1400 / 400
ROLL SPEED	9,85 RPM - 13 RPM - 15,6 RPM
POWER INSTALLED	350 KW
FEEDING SYSTEM	FORCE FEEDER
MAXIMAL FORCE ON WORKING TABLE	3200 KN
TOTAL POWER INSTALLED	390 KW
TOTAL WEIGHT	420 KN
<u>SET OF ROLLS</u>	
WORKING TABLE: DIAMETER/WIDTH	1400/400
PROFIL ON WORKING TABLE	BRIQUETTES 27.5cm3 52.4x39x25.5
BEARING	SPHERICAL ROLLER BEARING + WITHDRAWAL SLEEVE TYPE: SKF 24172 ECCX 30J/C3 W33
CALCULATED LIFETIME BEARING FOLLOWING ISO L10	AT 15.6 RPM AND 3200 KN : 35500 Hours
LUBRICATION	GREASE EP 180 TO 210 cSt AT 40 °C

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ROLL DRIVE

GEAR-BOX:	TYPE	HST-2900- 2 LOW SPEED OUTPUTS AND PARALEL SHAFTS
	POWER	350 KW
	INPUT SPEED	2212 RPM
	OUTPUT SPEED	16 RPM
	NOMINAL TORQUE PER LOW SPEED OUTPUT WITH 2/3 TOTAL TORQUE	13874 mdaN
	SERVICE FACTOR	1,75
	RATIO	1/137.693
	CALCULATED LIFETIME	50000 Hours

GEAR-BOX - ROLL TRANSMISSION

FIXED ROLL HARDENED CAMBERED TEETH
WECD COUPLING

MOBILE ROLL HARDENED CAMBERED TEETH
WECD COUPLING

MOTOR - GEAR-BOX TRANSMISSION

TRANSMISSION:	TYPE	PULLEYS / BELTS
	PULLEY MOTOR	Ø 400
	PULLEY GEAR-BOX	Ø 335 - 400 - 530

BELT:	NUMBER	12
	SECTION	SPC
	LENGHT	4100

MOTOR:	POWER	500 H.P.
	SPEED	1800 RPM
	TYPE	NOT SUPPLIED BY SC

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HYDRAULIC

MOTOR-PUMP UNIT:	POWER	2.2 KW
	OUTPUT	1,5 Liters/Mn
JACK:	NUMBER	4
	PISTON DIAMETER	220 mm
	PISTON SECTION	4 x 380 cm ²
	PISTON STROKE	15 mm
ACCUMULATORS:	LENGTH	300
	NUMBER	2
	VOLUME	2.5 Liters
OPERATING PRESSURE PER CM.L ON WORKING TABLE		80 KN/CM.L
FORCE ON WORKING TABLE		3200 KN

GREASING

MOTOR-PUMP UNIT:	POWER	0.55 KW
	GREASE TANK CAPACITY	8 Kg
	FILLING	MANUALLY WITH A FILLING PUMP
DISTRIBUTOR:	NUMBER	4
	GREASING	BEARINGS ROLLS LABYRINTHS ROLLS SLIDING PLATES
	CONTROL	ELECTRICAL SWITCHES

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GENERAL CHARACTERISTICS

62340

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FEEDING SYSTEM

TYPE FORCE FEEDER

GEAR-BOX: TYPE K 2 T AV 201

POWER 30 KW

OUTPUT SPEED 101 RPM

INPUT SPEED 1000 RPM

TORQUE 285 ndaN

SERVICE FACTOR 1,50

RATIO 1/9,89915

MOTOR: TYPE LS 250 MT

POWER 37 KW

SPEED 1000 RPM

MOTOR - GEAR BOX TRANSMISSION

TYPE COLMANT-CLIVELIER COUPLING
TYPE PP 90

SPEED VARIATION

TYPE DANFOSS
VLT 3060 - 175 L 3007

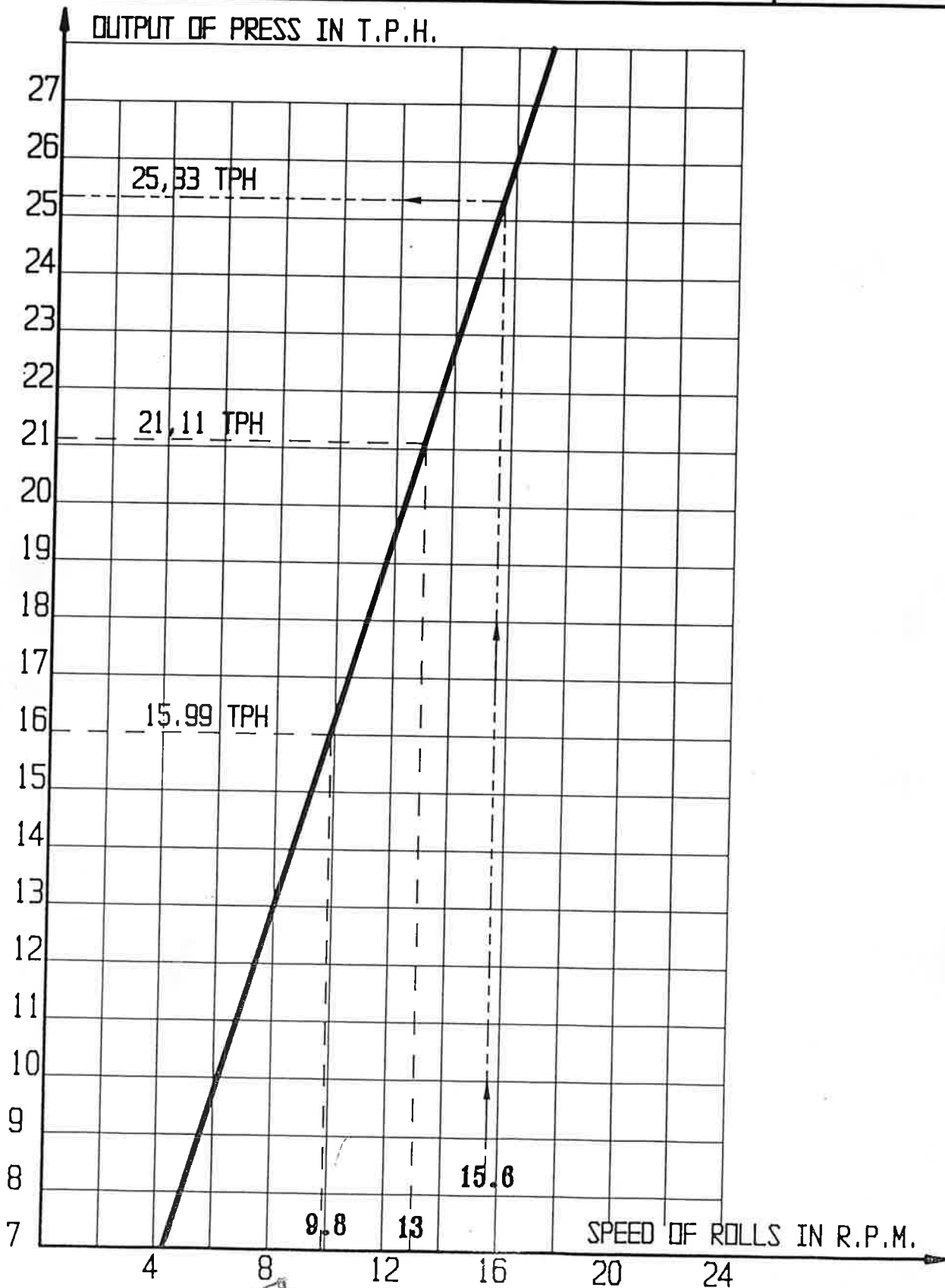
Ref.:

OUTPUT OF PRESS **ON DRY BASIS**

Date:

Client:

Plan: 62339



NUMBER OF POCKETS PER TYRE 856

BRIQUETTE VOLUME 27.5 cm³

DENSITY OF BRIQUETTES 1.15

Ref.:	COMPACTOR HP1 / 1400 / 400	Date:
Client:	BRIQUETTE 52,4 x 39 x 25,5	Plan: 61971 A

Ø tyre	1400
with	400
numbers of pocket rows	8
number of pocket per row	107
number of pocket per tyre	856
briquelette volume	27,5 cm ³

