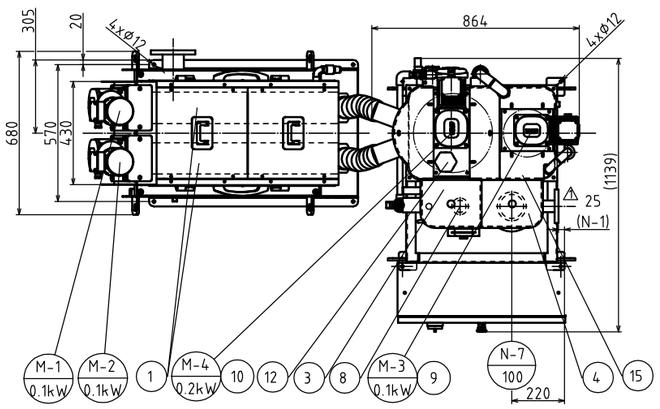
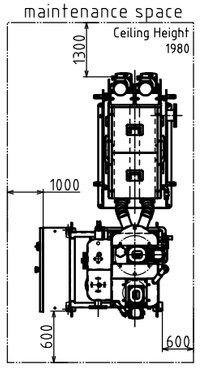
MARK	NOTE	DATE	NAME
1 × 4	New design N1,N2,N6,N5	18.01.2017	PN
2 × -	-	-	-
3 × -	-	-	-



MOTOR LIST

No.	Name	Power Consumption (reduction ratio)
M-1	No.1 V-Screw Motor	0,1kW (1/375)
M-2	No.2 V-Screw Motor	0,1kW (1/375)
M-3	No.1 Flocculation Tank Agitation Motor	0,1kW (1/10)
M-4	No.2 Flocculation Tank Agitation Motor	0,2kW (1/30)
Total Power		0,5kW

Required maintenance space

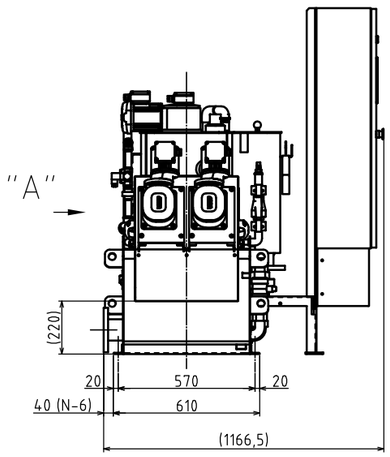


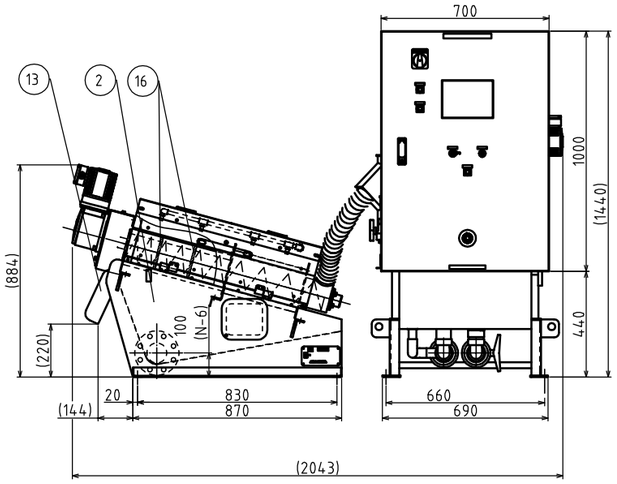
SPECIFICATION

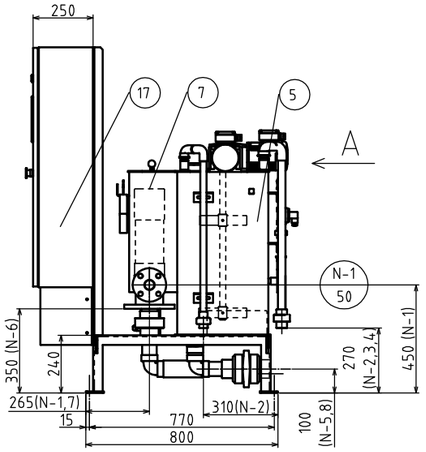
CYLINDER UNIT	ø130x2 Thickening zone -1.4301 Dewatering zone - 1.4301
TYPE	Multi-Discplate Screw Press
EMPTY WEIGHT	410kg
OPERATING WEIGHT	600kg

NOZZLE LIST

No.	DN	Name	Connection
N-1	50	Sludge inlet	PN10 Flange (1.4301)
N-2	20	No.1 Chemical inlet	Union socket with female thread (1.4404)
N-3	25	No.2 Chemical inlet	Union socket with female thread (1.4404)
N-4	20	Water inlet	Union socket with female thread (1.4404)
N-5	50	No.1 Filtrated water outlet	Ball Valve (PVC)
N-6	80	No.2 Filtrated water outlet	PN10 Flange (1.4301)
N-7	100	Sludge over flow	PN10 Flange (1.4301)
N-8	50	Flocculation tank drain	Ball Valve (PVC)



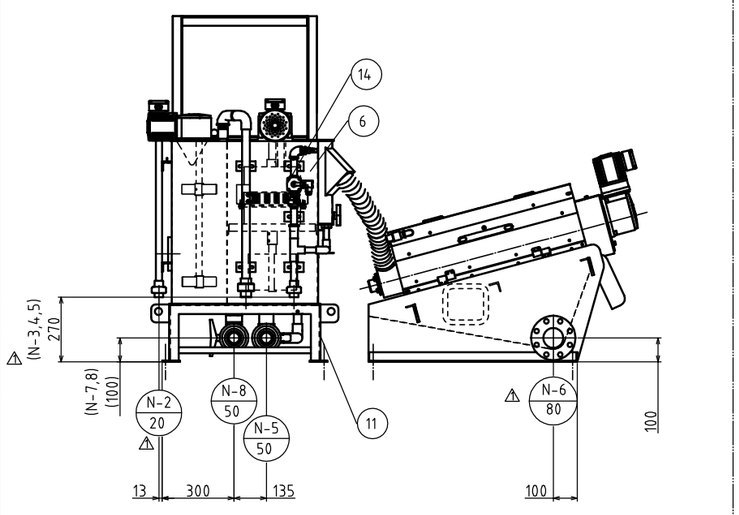




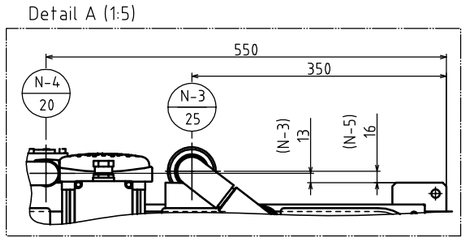
PARTS LIST

No.	Name	Mat.	Remarks/Drawing
1	Cylinder unit	1.4301	
2	Cylinder unit base	1.4301	Hole:4xø12
3	Filtrate Flow Control Tank	1.4301	□255x200x550(H)
4	Flow control tank	1.4301	□245x200x550(H)
5	No.1 Flocculation tank	1.4301	□230x380x730(H)
6	No.2 Flocculation tank	1.4301	□380x380x730(H)
7	Sludge level adjuster	PVC	
8	Filtrate level adjuster	PVC	
9	No.1 Flocc. tank agit.	1.4301	Paddle type
10	No.2 Flocc. tank agit.	1.4301	Paddle type
11	Flocculation tank base	1.4301	Hole:4xø12
12	Level switch	1.4301	Electrode type
13	Sludge cake chute	1.4301	
14	Selenoid valve	1.4401	DN20
15	Cover	PVC	Transparent
16	Inspection port	1.4301	
17	Control panel	DC-01	Siemens HMI

View A



Detail A (1:5)



END USER/PROJECT:

TITLE	ASSEMBLY DRAWING		
MODEL	GS-132-4	VOLUTE	
DRAWING No.	DE0132-00-1		
DATE	31/03/2016	SCALE 1:25	PAGE 1/1
APPROVED: SO	CHECKED: VC	DESIGNED: RT	AMCON Europe s.r.o.