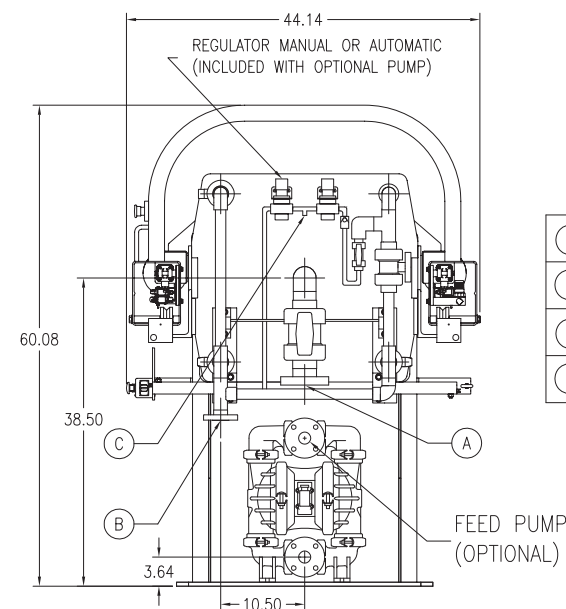
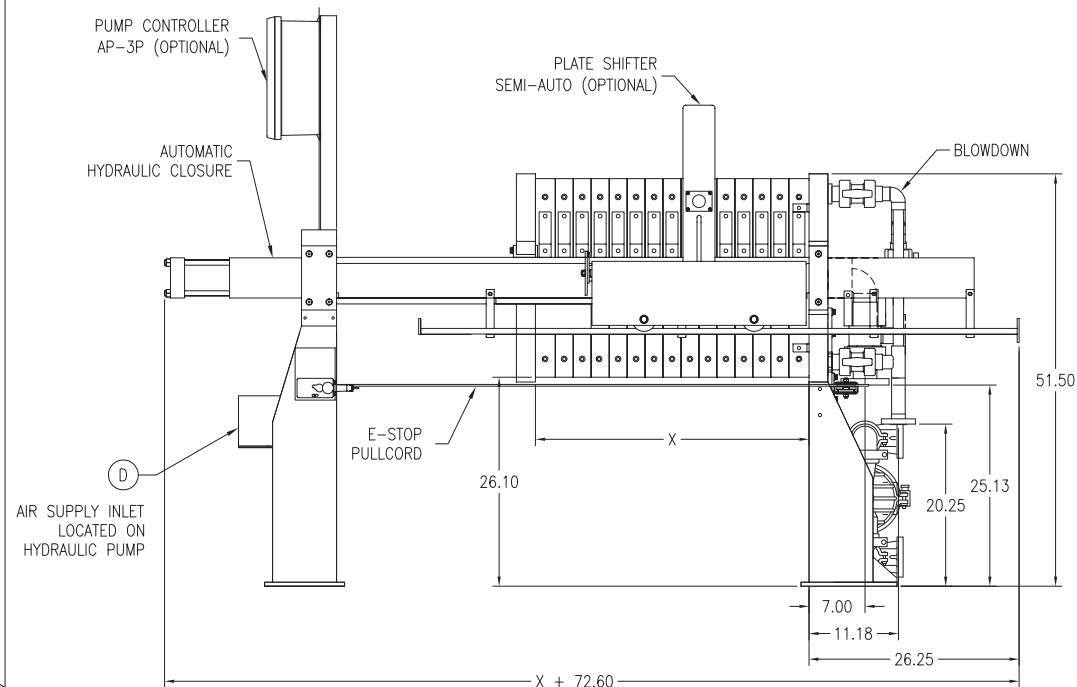


2

1

B

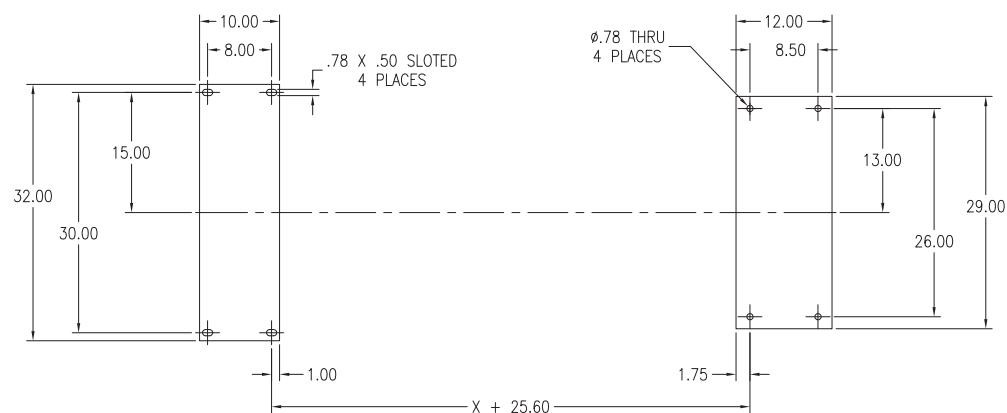
B



(A)	PROCESS INLET Ø2" PIPE FLANGE
(B)	PROCESS OUTLET Ø1" PIPE FLANGE
(C)	AIR BLOW DOWN AND PUMP INLET Ø1/2" NPT
(D)	HYDRAULIC SUPPLY AIR INLET Ø3/8" NPT

A

A

PLATE SEALS

- ☐ EPDM (GASKETED) (STD)
- ☐ VITON (GASKETED)
- ☐ NON GASKETED

CLOTH TYPE

- ☐ PMU (STD)
- ☐ PMM
- ☐ FTW (POLYESTER)
- ☐ PSM

PLATE & PRESS PRESSURE RATING

- ☐ 100 PSI (STD)

CAKE THICKNESS

- ☐ 32mm (1.25") (STD)

PLATE SHIFTER

- ☐ NONE
- ☐ SEMI-AUTOMATIC

PUMP CONTROLS

- ☐ AP3P

MATERIAL HANDLING

- ☐ SLUDGE CART

FEED PUMP

- ☐ NONE
- ☐ PRESS MOUNTED

BLOWDOWNPIPING MATERIAL

- ☐ PVC (STD)
- ☐ CPVC
- ☐ CARBON STEEL
- ☐ 304 S.S.
- ☐ 316 S.S.
- ☐ 316 S.S. (TRICLOVER®)

SEALS MATERIAL

- ☐ EPDM
- ☐ BUNA
- ☐ VITON
- ☐ TEFLON

MODEL # \_\_\_\_\_

## NOTES:

1. DRAWING IS FOR REFERENCE ONLY. CONSULT FACTORY FOR DETAILED CONSTRUCTION DRAWINGS AND SPECIFICATIONS.
2. SEE FILTER PRESS SPECIFICATIONS SHEET FOR "X" DIMENSION.

**CONFIGURATION** BY \_\_\_\_\_  
**APPROVAL** DATE: \_\_\_\_\_



630 Semi-Automatic Filter Press, Standard Series

DRAWN BY  
L\_Gonzalez

DATE  
9/24/04

DWG NO  
190006

SHEET 1 OF 2

REV  
C

2

1

# HiPerk Machinery Co.

## Engineering Data

Nominal Volume		Number of Plates	Filter Area		"X" Dimension (")				Shipping Weight		Operating Weight	
					Gasketed (CGR)		Non-Gasketed (NGR)					
(ft <sup>3</sup> )	(liters)		(ft <sup>2</sup> )	(m <sup>2</sup> )	(in)	(mm)	(in)	(mm)	(lb)	(kg)	(lb)	(kg)
3	85	13	76.4	7.1	29.625	752	30.13	765	1,935	878	2,175	987
4	113	15	89.2	8.3	34.125	867	34.63	879	1,935	878	2,255	1,023
5	142	19	114.7	10.7	43	1,092	43.75	1,111	2,047	929	2,447	1,110
6	170	23	140.1	13.0	52	1,321	52.88	1,343	2,159	979	2,639	1,197
8	227	29	178.4	16.6	65.5	1,664	66.50	1,689	2,327	1,056	2,967	1,346
10	283	35	216.6	20.1	78.875	2,003	80.25	2,038	2,495	1,132	3,295	1,495
12	340	43	267.5	24.9	96.75	2,457	98.38	2,499	2,663	1,208	3,623	1,643

**NOTES:** Volume/Chamber = 0.29 ft<sup>3</sup> (8.2 L)  
 Filter Area/Chamber = 6.37 ft<sup>2</sup> (0.59 m<sup>2</sup>)  
 Dimension and weights are for reference purposes only  
 Weights do not include ancillary equipment  
 For presses equipped with plate shifter add 200 lbs (182 kg)  
 Operating weight is calculated with wet filter cake density of 85 lb/ft<sup>3</sup> (1.36 kg/L)  
 Cloth thickness on NGR based on 1mm/chamber  
 \* Filter plate stack length dimension (approximate)

## P06L SIDEBAR

100 psi (7 bar) Design

PLATE TYPE

630mm CGR/NGR

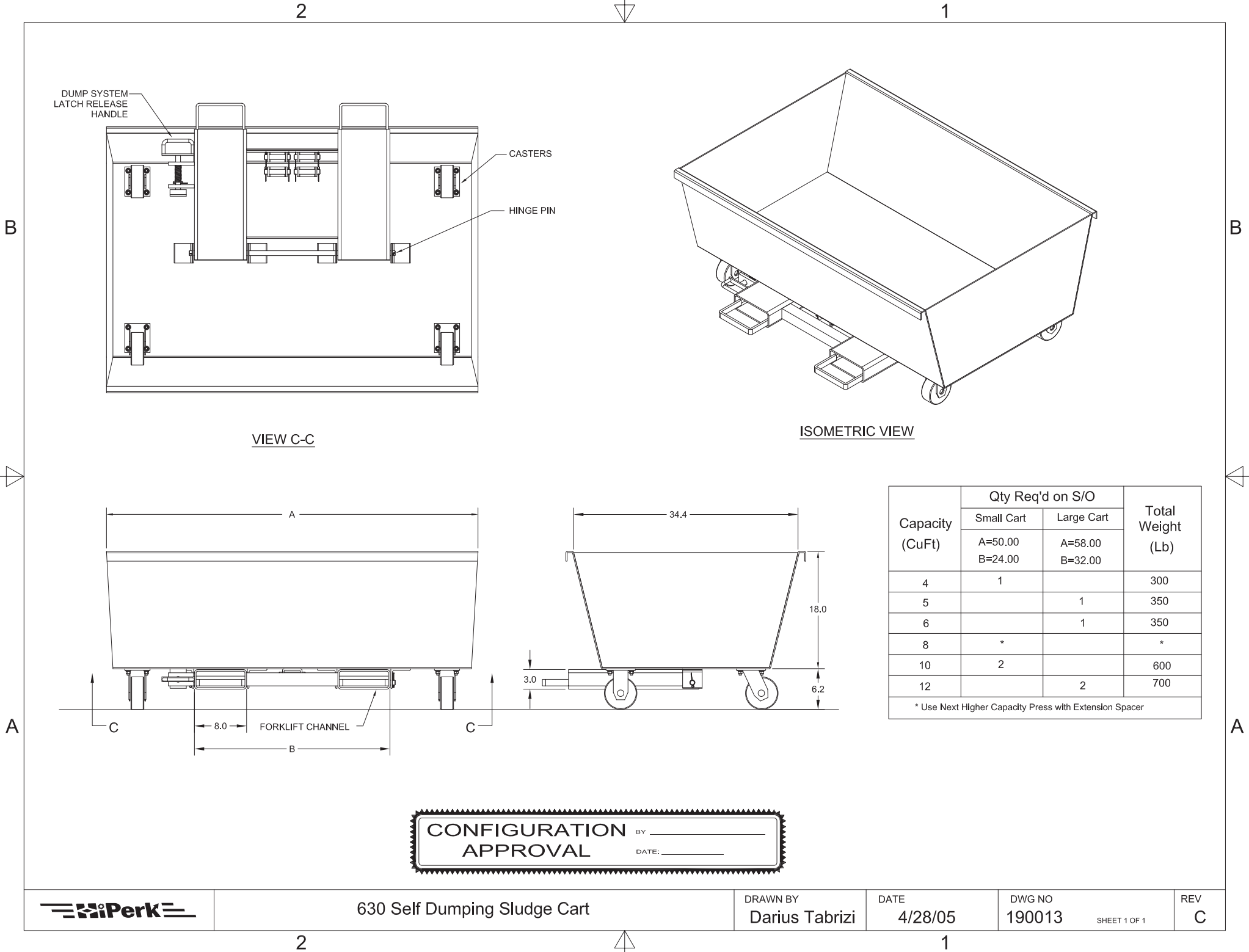
CAKE THICKNESS

1.25" (32mm)

DWG NO

190006  
SH2

REV  
D



DUMP SYSTEM  
LATCH RELEASE  
HANDLE

CASTERS

HINGE PIN

VIEW C-C

ISOMETRIC VIEW

Capacity (CuFt)	Qty Req'd on S/O		Total Weight (Lb)
	Small Cart	Large Cart	
	A=50.00 B=24.00	A=58.00 B=32.00	
4	1		300
5		1	350
6		1	350
8	*		*
10	2		600
12		2	700
* Use Next Higher Capacity Press with Extension Spacer			

CONFIGURATION APPROVAL BY \_\_\_\_\_  
DATE: \_\_\_\_\_



630 Self Dumping Sludge Cart

DRAWN BY  
Darius Tabrizi

DATE  
4/28/05

DWG NO  
190013

SHEET 1 OF 1

REV  
C