

PRECISION BLASTING SERVICES

*INTRODUCES*

**STRUCTURAL BLAST  
DESIGNER VERSION 8.0**

The Structural Blast Designer series of softwares are unique IBM softwares that were developed in Europe by individuals with decades of experience in building and structural demolition. This unique software has been proprietary and is now available to the general public.

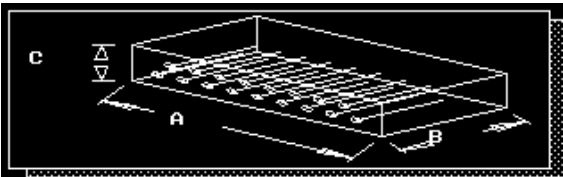
The software designs blasting patterns and powder loads for a total of 46 different structural elements of brick, concrete, and reinforced concrete. There are five individual softwares with the Structural Blast Designer Series. Each of the softwares is designed for a specific type of structural element. There is a software for walls, foundation, slabs and decks, arches, and chimneys and towers.

The software designs powder loads, number of decks, burden spacing and hole layout for each design. The software also allows the user to indicate the degree of breakage desired.

Full reports of each design can be printed out.



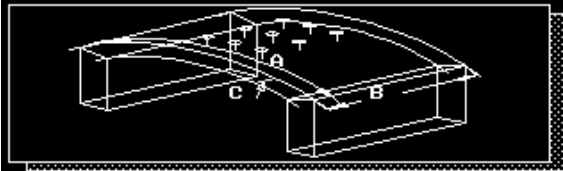
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Structure type  
Wall  
Structural element  
Free standing  
Material  
Brick  
Drill direction  
Horizontal

Static load  
Unloaded

<< press SPACE bar to continue >>



Structure type  
Arch  
Structural element  
Normal arch  
Material  
Brick  
Drill direction  
Vertical  
Befogas  
Free standing  
Blasting  
Blast at arch center

<< press SPACE bar to continue >>



Structure type  
Chimney, tower  
Structural element  
Round chimney  
Material  
Brick  
Drill direction  
Horizontal  
Directed fall  
Directed fall

<< press SPACE bar to continue >>

```

File  Run  Settings  Structural Blast Designer 5.0  #21-1430-001 10:35:01
+--["] C:\SBD\DEMO.DAT                               Description: Foundation -----+
|Structure type                                     Foundation
|Structural element                               Foundation
|Material                                          Reinforced concrete
|Drill direction                                  Vertical
|Fragmenting                                       Breaking
|
|Length      (A) =   32.81 [ft]
|Thickness   (B) =    2.62 [ft]
|Height      (C) =    1.97 [ft]
|===== Results =====
|Number of rows = 2                               Charge weight/hole = 0.26 [lb]
|Space between rows = 0.87 [ft]
|Holes per row = 24
|
|Spacing     = 1.31 [ft]
|Total holes = 47                               Total charge weight= 12.42 [lb]
|Burden      = 0.87 [ft]
|Hole depth  = 1.97 [ft]
|
|-----+-----+-----+-----+
|                               Report _  Graphics _  Ok _  Cancel _
+-----+-----+-----+-----+
F1 Help  F2 Information  Alt+X Exit
  
```