$ClassName: \ Class_04.2bp\text{-}15$

BinSize: $\underline{100 \times 100}$ ReduceSize: $\underline{100 \times 100}$

TypeNum: $\underline{38}$ Num: $\underline{40}$ OutS: $\underline{20000}$ InS: $\underline{11156}$ Rate: $\underline{0.558}$

UB: <u>2</u> LB0: <u>2</u> LB: 2

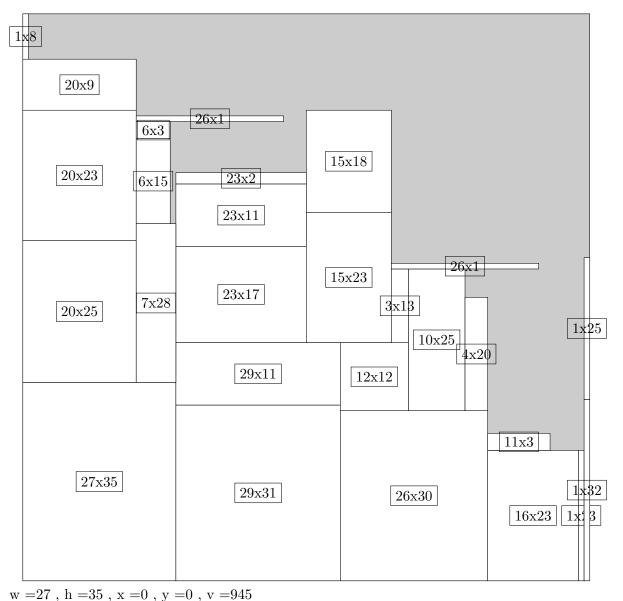
LBWithCut: $\underline{\mathbf{2}}$ NodeCut: $\underline{\mathbf{0}}$

ExtendedNodeCnt: $\underline{\mathbf{1}}$

GenNodeCnt: $\underline{\mathbf{1}}$ PrimalNode: $\underline{\mathbf{0}}$ ColumnCount: $\underline{\mathbf{2}}$ TotalCutCount: $\underline{\mathbf{0}}$ RootCutCount: $\underline{\mathbf{0}}$ LPSolverCnt: $\underline{\mathbf{1}}$ PricingSolverCnt: $\underline{\mathbf{0}}$ BranchAndBoundNum: $\underline{\mathbf{1}}$

isOpt: $\underline{\mathbf{true}}$

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.065 \ s} \\ {\rm TotalTime:} \ \underline{0.149 \ s} \\ \end{array}$



```
w =29, h =31, x =27, y =0, v =899

w =26, h =30, x =56, y =0, v =780

w =20, h =25, x =0, y =35, v =500

w =20, h =23, x =0, y =60, v =460

w =23, h =17, x =27, y =42, v =391

w =16, h =23, x =82, y =0, v =368

w =15, h =23, x =50, y =42, v =345

w =29, h =11, x =27, y =31, v =319

w =15, h =18, x =50, y =65, v =270

w =23, h =11, x =27, y =59, v =253

w =10, h =25, x =68, y =30, v =250

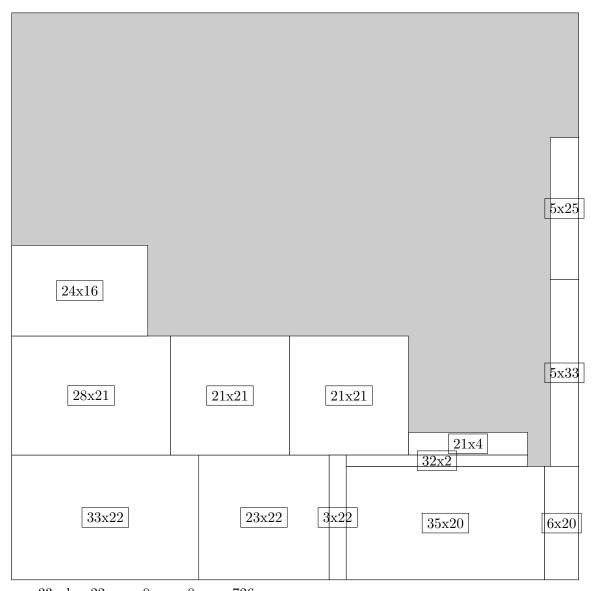
w =7, h =28, x =20, y =35, v =196

w =20, h =9, x =0, y =83, v =180

w =12, h =12, x =56, y =30, v =244

w =1, h =23, x =98, y =0, v =23
```

 $\begin{array}{l} w=4\ ,\, h=20\ ,\, x=78\ ,\, y=30\ ,\, v=80\\ w=23\ ,\, h=2\ ,\, x=27\ ,\, y=70\ ,\, v=46\\ w=3\ ,\, h=13\ ,\, x=65\ ,\, y=42\ ,\, v=39\\ w=11\ ,\, h=3\ ,\, x=82\ ,\, y=23\ ,\, v=33\\ w=1\ ,\, h=32\ ,\, x=99\ ,\, y=0\ ,\, v=32\\ w=26\ ,\, h=1\ ,\, x=65\ ,\, y=55\ ,\, v=26\\ w=26\ ,\, h=1\ ,\, x=20\ ,\, y=81\ ,\, v=26\\ w=1\ ,\, h=25\ ,\, x=99\ ,\, y=32\ ,\, v=25\\ w=6\ ,\, h=15\ ,\, x=20\ ,\, y=63\ ,\, v=90\\ w=6\ ,\, h=3\ ,\, x=20\ ,\, y=78\ ,\, v=18\\ w=1\ ,\, h=8\ ,\, x=0\ ,\, y=92\ ,\, v=8\\ \end{array}$



$$\begin{array}{l} w = 33 \; , \; h = 22 \; , \; x = 0 \; , \; y = 0 \; , \; v = 726 \\ w = 35 \; , \; h = 20 \; , \; x = 59 \; , \; y = 0 \; , \; v = 700 \\ w = 28 \; , \; h = 21 \; , \; x = 0 \; , \; y = 22 \; , \; v = 588 \\ w = 23 \; , \; h = 22 \; , \; x = 33 \; , \; y = 0 \; , \; v = 506 \\ w = 21 \; , \; h = 21 \; , \; x = 28 \; , \; y = 22 \; , \; v = 441 \\ w = 21 \; , \; h = 21 \; , \; x = 49 \; , \; y = 22 \; , \; v = 441 \\ w = 24 \; , \; h = 16 \; , \; x = 0 \; , \; y = 43 \; , \; v = 384 \\ w = 5 \; , \; h = 33 \; , \; x = 95 \; , \; y = 20 \; , \; v = 165 \\ w = 5 \; , \; h = 25 \; , \; x = 95 \; , \; y = 53 \; , \; v = 125 \\ w = 6 \; , \; h = 20 \; , \; x = 94 \; , \; y = 0 \; , \; v = 120 \\ w = 21 \; , \; h = 4 \; , \; x = 70 \; , \; y = 22 \; , \; v = 84 \\ w = 3 \; , \; h = 22 \; , \; x = 56 \; , \; y = 0 \; , \; v = 66 \\ w = 32 \; , \; h = 2 \; , \; x = 59 \; , \; y = 20 \; , \; v = 64 \end{array}$$