$ClassName: \ Class_04.2bp-14$

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

TypeNum: <u>38</u> Num: <u>40</u> OutS: <u>20000</u> InS: <u>15102</u> Rate: <u>0.755</u>

UB: **2** LB0: **2** LB: **2**

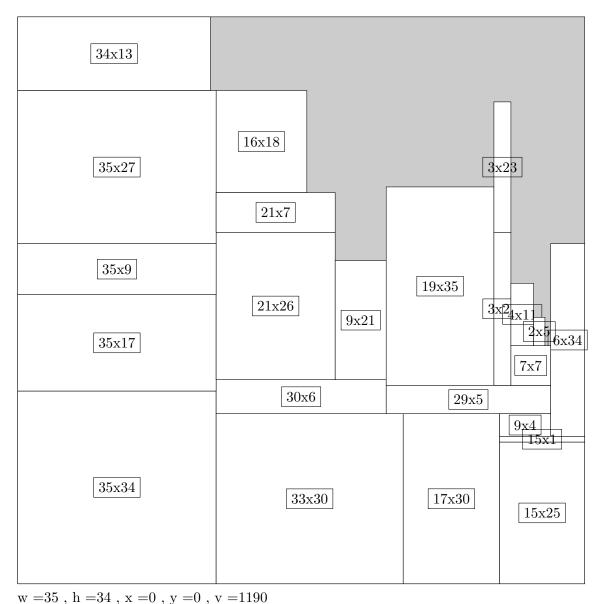
LBWithCut: $\underline{\mathbf{2}}$ NodeCut: $\underline{\mathbf{0}}$

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

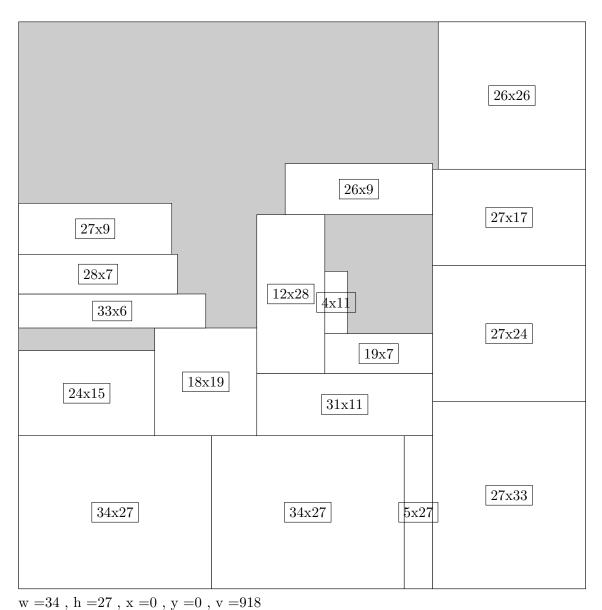
isOpt: $\underline{\mathbf{true}}$

 $\begin{array}{ll} {\rm TimeOnInitSolution:} \ \underline{0.000 \ s} \\ {\rm TimeOnPrimal:} \ \underline{0.000 \ s} \\ {\rm TimeOnPricing:} \ \underline{0.000 \ s} \\ {\rm TimeOnRmp:} \ \underline{0.093 \ s} \\ {\rm TotalTime:} \ \underline{0.156 \ s} \\ \end{array}$



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\begin{array}{l} w = 33 \; , \; h = 30 \; , \; x = 35 \; , \; y = 0 \; , \; v = 990 \\ w = 30 \; , \; h = 6 \; , \; x = 35 \; , \; y = 30 \; , \; v = 180 \\ w = 19 \; , \; h = 35 \; , \; x = 65 \; , \; y = 35 \; , \; v = 665 \\ w = 35 \; , \; h = 17 \; , \; x = 0 \; , \; y = 34 \; , \; v = 595 \\ w = 21 \; , \; h = 26 \; , \; x = 35 \; , \; y = 36 \; , \; v = 546 \\ w = 17 \; , \; h = 30 \; , \; x = 68 \; , \; y = 0 \; , \; v = 510 \\ w = 34 \; , \; h = 13 \; , \; x = 0 \; , \; y = 87 \; , \; v = 442 \\ w = 15 \; , \; h = 25 \; , \; x = 85 \; , \; y = 0 \; , \; v = 375 \\ w = 35 \; , \; h = 9 \; , \; x = 0 \; , \; y = 51 \; , \; v = 315 \\ w = 16 \; , \; h = 18 \; , \; x = 35 \; , \; y = 69 \; , \; v = 288 \\ w = 6 \; , \; h = 34 \; , \; x = 94 \; , \; y = 26 \; , \; v = 204 \\ w = 9 \; , \; h = 21 \; , \; x = 56 \; , \; y = 36 \; , \; v = 189 \\ w = 35 \; , \; h = 27 \; , \; x = 0 \; , \; y = 60 \; , \; v = 945 \\ w = 21 \; , \; h = 7 \; , \; x = 35 \; , \; y = 62 \; , \; v = 147 \\ w = 29 \; , \; h = 5 \; , \; x = 65 \; , \; y = 30 \; , \; v = 145 \\ \end{array}
```

 $\begin{array}{l} w=3\ ,\ h=27\ ,\ x=84\ ,\ y=35\ ,\ v=81\\ w=3\ ,\ h=23\ ,\ x=84\ ,\ y=62\ ,\ v=69\\ w=7\ ,\ h=7\ ,\ x=87\ ,\ y=35\ ,\ v=49\\ w=4\ ,\ h=11\ ,\ x=87\ ,\ y=42\ ,\ v=44\\ w=9\ ,\ h=4\ ,\ x=85\ ,\ y=26\ ,\ v=36\\ w=15\ ,\ h=1\ ,\ x=85\ ,\ y=25\ ,\ v=15\\ w=2\ ,\ h=5\ ,\ x=91\ ,\ y=42\ ,\ v=10 \end{array}$



```
\begin{array}{c} w = 34 \;, \; h = 27 \;, \; x = 34 \;, \; y = 0 \;, \; v = 918 \\ w = 27 \;, \; h = 33 \;, \; x = 73 \;, \; y = 0 \;, \; v = 891 \\ w = 26 \;, \; h = 26 \;, \; x = 74 \;, \; y = 74 \;, \; v = 676 \\ w = 27 \;, \; h = 24 \;, \; x = 73 \;, \; y = 33 \;, \; v = 648 \\ w = 27 \;, \; h = 17 \;, \; x = 73 \;, \; y = 57 \;, \; v = 459 \\ w = 24 \;, \; h = 15 \;, \; x = 0 \;, \; y = 27 \;, \; v = 360 \\ w = 18 \;, \; h = 19 \;, \; x = 24 \;, \; y = 27 \;, \; v = 342 \\ w = 31 \;, \; h = 11 \;, \; x = 42 \;, \; y = 27 \;, \; v = 341 \\ w = 12 \;, \; h = 28 \;, \; x = 42 \;, \; y = 38 \;, \; v = 336 \\ w = 27 \;, \; h = 9 \;, \; x = 0 \;, \; y = 59 \;, \; v = 243 \\ w = 26 \;, \; h = 9 \;, \; x = 47 \;, \; y = 66 \;, \; v = 234 \\ w = 33 \;, \; h = 6 \;, \; x = 0 \;, \; y = 46 \;, \; v = 198 \\ w = 28 \;, \; h = 7 \;, \; x = 68 \;, \; y = 0 \;, \; v = 135 \\ w = 19 \;, \; h = 7 \;, \; x = 54 \;, \; y = 38 \;, \; v = 133 \\ \end{array}
```

 $\mathbf{w}=\!\!4$, $\mathbf{h}=\!\!11$, $\mathbf{x}=\!\!54$, $\mathbf{y}=\!\!45$, $\mathbf{v}=\!\!44$